

SOCKETS – DIP/SIP

SIP SOCKETS



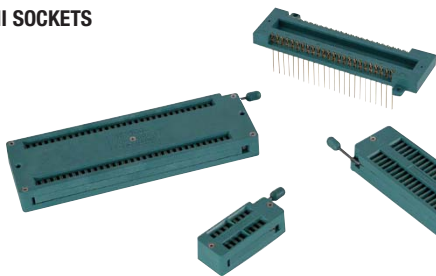
- For Single In-Line packages on .100" centers
- Lead Counts from 10 to 36
- Lever actuated Zero Insertion Force contact
- Ganging bar included to enable mass actuation
- Can be used in sets of two or more to create a socket for non-standard DIP packages

With decades of experience on the market, 3M™ Textool™ In-Line ZIP Strip Sockets provide a proven, reliable test and burn-in interface for single in-line style packages in pin counts of 10 to 36.

Mfg. Part No.	No. of Positions	Stock No.	Price Each		
			1-9	10-99	100-499
● 210-2599-00-0602	10	85K7792	26.50		
● 220-2600-00-0602	20	85K7806	29.89		
● 232-2601-00-0602	32	85K7846	33.13		
● 236-6225-00-0602	36	85K7847	34.15		

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ZIP DIP II SOCKETS



- Reliable, proven interconnect for Dual Inline IC Packages
- .100" lead spacing
- Lead Counts from 14 to 64
- Lever actuated Zero Insertion Force contact mechanism
- Receptacles/Socket Savers are available for all sizes

With decades of experience on the market, 3M™ Textool™ DIP Sockets provide a proven, reliable test and burn-in interface for DIP Packages with .100 in. lead spacing, and pin counts of 14 to 64. The sockets possess a lever actuated zero insertion force mechanism to maximize cycle life and reduce the potential for device lead damage.

Mfg. Part No.	No. of Positions	Stock No.	Price Each		
			1-9	10-99	100-499
● 214-3339-00-0602J	14	85K7793	10.99		
● 216-3340-00-0602J	16	85K7797	11.44		
● 218-3341-00-0602J	18	85K7802	11.89		
● 220-3342-00-0602J	20	85K7807	11.66		
● 224-1275-00-0602J	24	85K7814	11.39		
● 224-5248-00-0602J	24	85K7820	13.27		
● 228-1277-00-0602J	28	85K7825	11.94		
● 228-4817-00-0602J	28	85K7834	13.46		
● 240-1280-00-0602J	40	85K7848	14.59		
● 248-1282-00-0602J	48	85K7866	18.35		
● 264-4493-00-0602J	64	85K7875	22.83		

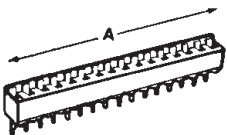
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AMP DIPLOMATE® DUAL LEAF (DL) SIP SOCKETS



- Low Profile: 0.210" (5.33) Above PC Board
- Contact Spacing: 0.100" (2.54)
- Voltage: 250VAC
- Meet EIA RS-415, MIL-S-83734 Specifications
- UL Recognized, CSA Certified

SIP sockets have dual wiping contacts with retention tails. Large target area with tapered lead-in ramps for easy insertion. Accept 0.008"-0.015" (0.203-0.381) thick x 0.030" (0.762) maximum wide rectangular leads. Glass-filled thermoplastic housing, rated UL94V-0, with closed bottom design and standoffs. Stackable end-to-end, side-to-side.



BERYLLIUM COPPER/TIN PLATING

Mfg. Part No.	Contacts	Dimension A	Stock No.	Price Each		
				1-9	10-99	100-499
● 382437-1	3	0.295" (7.49)	22C6384	0.99	0.80	0.63
● 382438-1	4	0.395" (10.03)	94B7371	0.99	0.80	0.63
● 643640-1	8	0.795" (20.19)	50F2203	1.08	0.87	0.69
● 643642-1	10	0.995" (25.27)	50F2205	1.20	0.96	0.76
● 643644-1	12	1.195" (30.35)	50F2207	1.53	1.23	0.97
● 643648-1	16	1.595" (40.51)	50F2211	1.77	1.42	1.13
● 643650-1	18	1.795" (45.59)	50F2213	2.22	1.78	1.41
● 643652-1	20	1.995" (50.61)	50F2214	2.10	1.68	1.33

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AMP DIPLOMATE® DUAL LEAF (DL) SIP SOCKETS (CONT.)

BERYLLIUM COPPER/GOLD PLATING

Mfg. Part No.	Contacts	Dimension A	Stock No.	Price Each		
				1-9	10-99	100-499
● 1825410-8	8	0.795" (20.19)	16M2799	1.53	1.22	1.16

PHOSPHOR BRONZE WITH TIN PLATING

● 643653-3	21	2.095" (53.21)	50F2249	2.68	2.13	2.02
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AMP 510 SERIES SIP SOCKET TERMINAL STRIPS



- Gold Plated Beryllium Copper Contact
- Brass Sleeve
- Thermoplastic Polyester Housing, Flammability Rated UL94V-0
- Centerline: 0.100" (2.54mm)
- Stackable/Closed Frame Style

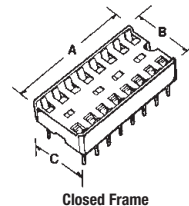


Break into desired lengths.

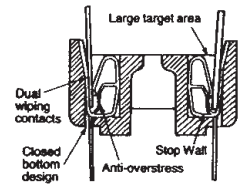
Mfg. Part No.	Contacts	Sleeve Plating	Stock No.	Price Each	
				1-24	25-48
● 510-AG90D-10	10	Gold	67F1822	3.93	
● 1-1571994-0	10	Tin/Lead	52K3253	2.75	
● 510-AG90D-20	20	Gold	50F1736	9.42	
● 2-1571994-0	20	Tin/Lead	52K3454	5.84	

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AMP DIPLOMATE® DUAL LEAF (DL) DIP SOCKETS



Closed Frame



Closed bottom design

- Contact Spacing: 0.100" (2.54)
- Rating: 250VAC
- Dielectric Withstanding Voltage: 1000V<sub>RMS</sub> Minimum
- Insulation Resistance: 5000MΩ Minimum
- Contact Resistance: 20mΩ Maximum
- Meets EIA RS-415, MIL-S-83734 Specifications
- UL Recognized, CSA Certified

Thru-hole mount DIP sockets with closed frame construction. Feature dual wiping contacts with straight solder tail in tin or 30µ" gold plating over phosphor bronze or copper alloy. Glass-filled thermoplastic housing with lead-in ramps for easy insertion and standoffs for easy board cleaning. Internal anti-over-stress walls prevent contact damage. Closed bottom design inhibits solder wicking and flux contamination and meets EIA 486, Class I. Stackable end-to-end or side-to-side (brickwalling) for high board density packaging. Visual polarization. Designed for automatic machine insertion. Accept 0.008-0.014" (0.203-0.355) thick IC leads.

LADDER FRAME — PHOSPHOR BRONZE/TIN PLATING

Mfg. Part No.	Contacts	Dimensions (Inches)			Stock No.	Price Each		
		A	B	C		1-49	50-99	100-249
● 1-390261-1	6	0.295	0.394	0.300	52K3275	0.20	0.18	0.17
● 1-390261-2	8	0.395	0.394	0.300	52K3276	0.14	0.13	0.12
● 1-390261-3	14	0.695	0.394	0.300	52K3277	0.17	0.16	0.15
● 1-390261-4	16	0.795	0.394	0.300	52K3278	0.20	0.19	0.17
● 1-390261-5	18	0.895	0.394	0.300	52K3279	0.18	0.16	0.15
● 1-390261-6	20	0.995	0.394	0.300	52K3280	0.21	0.20	0.19
● 1-390261-8	24	1.195	0.394	0.300	52K3281	0.23	0.21	0.19
● 1-390262-1	24	1.195	0.694	0.600	79K2013	0.28	0.26	0.23
● 1-390262-2	28	1.395	0.694	0.600	52K3283	0.31	0.27	0.25
● 1-390262-5	40	1.995	0.694	0.600	52K3284	0.41	0.37	0.35

LADDER FRAME RETENTION SOCKET — PHOSPHOR BRONZE/TIN-LEAD PLATING

● 2-641610-1	16	0.795	0.394	0.300	92F5387	0.66	0.53	0.42
● 2-641612-1	20	0.995	0.394	0.300	84F1118	0.66	0.53	0.42
● 2-641615-3	28	1.395	0.694	0.600	90F4697	0.75	0.60	0.48
● 2-641616-1	40	1.995	0.694	0.600	92F5998	0.99	0.89	0.81

CLOSED FRAME — BERYLLIUM COPPER/GOLD PLATING

● 1-1825093-1	6	0.295	0.394	0.300	16M2650	0.75	0.60	0.48
● 1-1825093-2	8	0.395	0.394	0.300	52K3254	0.57	0.46	0.37
● 1-1825094-3	14	0.695	0.394	0.300	52K3255	1.41	1.13	0.90
● 1-1825108-2	28	0.795	0.394	0.300	87K2211	2.15	1.93	1.75
● 1-1825093-6	20	0.995	0.394	0.300	16M2652	1.48	1.33	1.22
● 1-1825108-1	24	1.195	0.694	0.600	16M2653	3.15	2.85	2.61
● 1-1825108-2	28	1.395	0.694	0.600	87K2211	2.15	1.93	1.75
● 1-1825108-2	28	1.395	0.694	0.600	87K2211	2.15	1.93	1.75
● 1-1825108-3	40	1.995	0.694	0.600	16M2654	6.22	4.94	4.69

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**AMP DIPLOMATE® DUAL LEAF (DL) DIP SOCKETS (CONT.)**

CLOSED FRAME — PHOSPHOR BRONZE/GOLD PLATING

Mfg. Part No.	Contacts	Dimensions (Inches)			Stock No.	Price Each		
		A	B	C		1-49	50-99	100-249
● 1825093-1	6	0.295	0.394	0.300	52K3435	0.69	0.56	0.44
● 1825093-2	8	0.395	0.394	0.300	52K3436	0.84	0.68	0.54
● 1825093-3	14	0.695	0.394	0.300	52K3437	0.96	0.77	0.61
● 1825088-3*	14	0.700	0.450	0.300	52K4298	9.51	7.34	6.61
● 1825093-4	16	0.795	0.394	0.300	52K3438	1.14	0.92	0.73
● 1825093-5	18	0.895	0.394	0.300	52K3439	1.41	1.13	0.90
● 1825093-6	20	0.995	0.394	0.300	52K3440	1.47	1.18	0.94
● 1825108-1	24	1.195	0.694	0.600	16M2798	1.95	1.56	1.24
● 1825108-2	28	1.395	0.694	0.600	58K4169	2.95	2.35	2.23
● 1825108-3	40	1.995	0.694	0.600	52K3441	2.46	1.97	1.56

CLOSED FRAME RETENTION SOCKET — BERYLLIUM COPPER/TIN PLATING

● 2-641260-1	8	0.395	0.394	0.300	66F1568	0.33	0.27	0.21
● 2-641609-1	14	0.695	0.394	0.300	92F5996	0.60	0.48	0.38
● 2-641262-1	16	0.795	0.394	0.300	90F4605	0.57	0.48	0.38
● 2-641264-1	20	0.995	0.394	0.300	90F4606	0.87	0.73	0.58
● 2-641933-1	24	1.195	0.394	0.300	90F4691	1.07	0.85	0.81

OPEN FRAME RETENTION SOCKET — BERYLLIUM COPPER/GOLD PLATING

● 2-382189-1	32	1.595	0.694	0.600	95F1382	0.90	0.72	0.57
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OPEN FRAME SOCKET — PHOSPHOR BRONZE/TIN PLATING

● 1-390263-2	32	1.390	0.697	0.600	52K3285	0.35	0.32	0.28
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\*Right Angle  
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**AMP 800 SERIES ECONOMY OPEN INSULATOR DIP SOCKETS**

- Row-to-Row Spacing: 0.300" (7.62mm)
- Vertical Mount
- Stamped and Forged Beryllium Copper Contact
- Four-Fingered Mating Contact Type
- Rated: UL 94V-0
- Temperature Range: 125°C
- Insulation Resistance: 5,000 MΩ
- Contact Resistance: 10 mΩ

Gold-plated contacts and tin-lead plated sleeve. UL recognized.

Mfg. Part No.	Contacts	Spacing	Stock No.	Price Each
				1-9
● 4-1571552-3	8	0.3"	52K3641	1.38
● 814-AG11D-ES-LF	14	0.3"	16M3443	1.83
● 816-AG11D-ES-LF	16	0.3"	16M3445	1.06
● 4-1571552-6	20	0.3"	52K3642	1.53
● 4-1571552-9	28	0.6"	52K3643	3.45
● 3-1571552-0	32	0.6"	05M6189	2.15
● 5-1571552-0	32	0.6"	52K3716	2.61
● 5-1571552-2	40	0.6"	52K3717	2.31

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**AMP 800 SERIES OPEN INSULATOR DIP SOCKETS**

- Row-to-Row Spacing: 0.300" (7.62 mm)
- Thru-Hole Contact Mount
- Vertical Mount
- Centerline: 0.100" (2.54 mm)
- Stackable/Ladder Frame
- Temperature Range: 125°C
- Insulation Resistance: 500 OMQ
- Contact Resistance: 10 mΩ

Thermoplastic polyester insulator, rated UL94V-0. 0.125" (3.18mm) PC termination. UL recognized.

GOLD-PLATED SLEEVE

Mfg. Part No.	Contacts	Spacing	Stock No.	Price Each
				1-24
● 808-AG10D	8	0.300" (7.62)	67F1800	3.47
● 814-AG10D	14		67F1801	4.49
● 816-AG10D	16		67F1802	4.34
● 818-AG10D	18		67F1803	7.51
● 820-AG10D	20		67F1804	8.27
● 824-AG10D	24	0.600" (15.24)	67F1806	17.45
● 828-AG10D	28		67F1807	6.76
● 840-AG10D	40		67F1808	14.36

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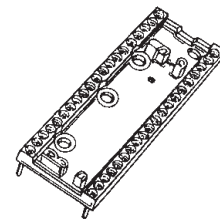
**AMP 800 SERIES OPEN INSULATOR DIP SOCKETS (CONT.)**

TIN-LEAD SLEEVE

Mfg. Part No.	Contacts	Spacing	Stock No.	Price Each
				1-24
● 808-AG11D-LF	8	0.300" (7.62)	16M3442	2.09
● 814-AG11D-LF	14		16M3444	2.79
● 2-1571586-4	16		52K3453	3.48
● 818-AG11D-LF	18		16M3446	11.45
● 820-AG11D-LF	20		16M3447	4.83
● 824-AG11D-LF	24	0.600" (15.24)	16M3453	7.09
● 828-AG11D-LF	28		16M3454	12.41
● 840-AG11D-LF	40		16M3455	15.08

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**AMP 500 SERIES MACHINED CONTACT SOLID INSULATOR DIP SOCKETS**



- Row-to-Row Spacing: 0.300" (7.62 mm)
- Thru-Hole Contact Mount
- Vertical Mount Style
- Centerline: 0.100" (2.54 mm)
- Stackable/Closed Frame
- Rated: UL 94V-0
- Temperature Range: 125°C
- Insulation Resistance: 5000 MΩ
- Contact Resistance: 10 mΩ

Precision-machined beryllium copper four-finger inner contact provides entry for flat or round lead insertion, plus maximum mechanical and electrical performance. Contact rating: 3A. UL recognized.

PC TERMINATION GOLD CONTACT AND SLEEVE

Mfg. Part No.	Contacts	Spacing	Stock No.	Price Each
				1-24
● 506-AG10D	6	0.3" (7.62)	94F3959	6.32
● 508-AG10D	8	0.3" (7.62)	14F2700	2.80
● 514-AG10D	14	0.3" (7.62)	14F2701	3.96
● 516-AG10D	16	0.3" (7.62)	14F2702	4.34
● 516-AG10D-ES	16	0.3" (7.62)	72C7787	2.11
● 518-AG10D	18	0.3" (7.62)	14F2703	6.81
● 520-AG10D	20	0.3" (7.62)	14F2704	6.56
● 522-AG10D	22	0.4" (10.16)	14F2705	14.38
● 524-AG10D	24	0.6" (15.24)	14F2707	11.13
● 528-AG10D	28	0.6" (15.24)	14F2708	10.00
● 532-AG10D	32	0.6" (15.24)	14F2709	15.19
● 540-AG10D	40	0.6" (15.24)	14F2711	18.15

3-LEVEL SOLDERLESS WRAP, GOLD CONTACT AND SLEEVE

● 514-AG10F	14	0.3" (7.62)	65F1921	9.05
● 516-AG10F	16	0.3" (7.62)	65F1922	9.86

PC TERMINATION GOLD CONTACT AND TIN/LEAD SLEEVE

● 508-AG11D-LF	8	0.3" (7.62)	03M2482	2.54
● 2-1571550-3	14	0.3" (7.62)	52K3452	3.85
● 2-1571550-4	16	0.3" (7.62)	87K2028	2.63
● 518-AG11D-LF	18	0.3" (7.62)	16M3189	4.19
● 520-AG11D-LF	20	0.3" (7.62)	16M3190	11.22
● 524-AG11D-LF	24	0.6" (15.24)	16M3252	6.82
● 528-AG11D-LF	28	0.6" (15.24)	84K8074	4.59
● 532-AG11D-LF	32	0.6" (15.24)	16M4000	6.11
● 3-1571550-2	40	0.6" (15.24)	80K9201	7.90

PC TERMINATION TIN/LEAD CONTACT AND SLEEVE

● 506-AG12D-LF	6	0.3" (7.62)	02M8666	1.54
● 508-AG12D-LF	8	0.3" (7.62)	16M3181	1.56
● 514-AG12D-LF	14	0.3" (7.62)	16M3188	3.59

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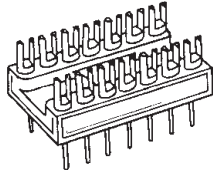
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SOCKETS – DIP/SIP

AMP 600 SERIES PLUG ADAPTER ASSEMBLIES



- Machined-Pin Molded Adapter
- Gold-Plated 0.018" (0.457) Diameter Pins
- Machined Printed Circuit and Mounting Terminals
- Thermoplastic Polyester Insulator, Rated UL 94V-0

Used to assemble hybrid and special network circuits, and to interpose discrete components. Type number indicates pin style: A = round; C, D = slotted.  
0.300" (7.62) ROW SPACING

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-24	
● 614-AG1	14	14F2935		8.90
● 614-CG1	14	14F2937		6.65
● 614-DG5	14	14F2945		13.61
● 616-AG1	16	14F2938		9.96
● 616-CG1	16	14F2940		6.81
● 616-DG5	16	14F2946		8.31
● 620-CG1	20	50F1671		12.95

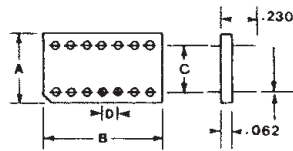
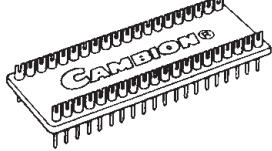
UNIVERSAL 0.600" (15.24) ROW SPACING

● 616-CG3	16	56F1246		13.57
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702 SERIES COMPONENT TO FLAT PIN SOCKET ADAPTERS



702

Plug into standard IC sockets. Terminals are phosphor bronze and plated with 10µ" gold. Board material: 0.062" type FR4 fiber board. Other pin counts/configurations and plating available; go online or call.

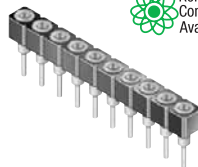
Mfg. Part No.	Contacts	Dimensions				Stock No.	Price Each	
		A	B	C	D		1-99	10-99
● 702-3725-01-03-00	14	0.450"	0.750"	0.300"	0.100"	13F3186		11.27
● 702-3728-01-03-00	16	0.450"	0.850"	0.300"	0.100"	13F3188		15.35

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SIP SOCKET



Allows for greater package density, stacking of PC board, and maximizes airflow. Contact material: half-hard brass. Contact plating: 10µ" gold. Shell: beryllium copper. Shell plating: 2000µ" tin.

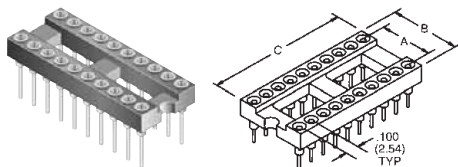


Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	1.26
● SIP1X32-011BLF	High-Profile Elevated SIP Socket	06M0423		1.26

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DIP SOCKETS

Just Added



Contact plating: 10µ" gold. Shell: 200µ" tin. 0.125" solder tail. Stackable end-to-end and side-to-side. Closed bottom prevents solder wicking. Open frame. Flammability rating: UL 94V-0.

DIP SOCKETS - 10µ" GOLD

Mfg. Part No.	Contacts	Dimensions			Stock No.	Price Each	
		A	B	C		1-24	
● DIP314-011BLF	14	0.300" (7.62)	0.400" (10.16)	0.700" (17.78)	05M7203		0.60
● DIP316-011BLF	16	0.300" (7.62)	0.400" (10.16)	0.800" (20.32)	05M7205		0.69
● DIP320-011BLF	20	0.300" (7.62)	0.400" (10.16)	1.000" (25.40)	05M7210		0.86

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DIP SOCKETS (CONT.)

Mfg. Part No.	Contacts	Dimensions			Stock No.	Price Each	
		A	B	C		1-24	
● DIP328-011BLF	28	0.600" (15.24)	0.400" (10.16)	1.400" (35.56)	05M7215		1.20
● DIP628-011BLF	28	0.600" (15.24)	0.400" (10.16)	1.400" (35.56)	05M7220		1.20
● DIP632-011BLF	32	0.600" (15.24)	0.700" (17.78)	1.600" (40.64)	05M7223		1.85
● DIP640-011BLF	40	0.600" (15.24)	0.700" (17.78)	2.000" (50.80)	05M7226		1.71

DIP SOCKETS - 30µ" GOLD

● DIP308-001BLF	8	0.300" (7.62)	0.400" (10.16)	0.400" (10.16)	05M7199		0.76
● DIP314-001BLF	14	0.300" (7.62)	0.400" (10.16)	0.700" (17.78)	05M7202		0.84
● DIP316-001BLF	16	0.300" (7.62)	0.400" (10.16)	0.800" (20.32)	05M7204		0.99
● DIP628-001BLF	28	0.600" (15.24)	0.400" (10.16)	1.400" (35.56)	05M7219		1.49

(4601)

SINGLE-ROW SOLDER-TAIL STRIP SOCKETS



Single-row strip sockets have 0.020" diameter solder-tail pin receptacles spaced at 0.100". Four-finger inner clip and precision-machined brass receptacle shells. The body is rated UL94V-0. Current rating: 3 amps. RoHS plating: sleeve, 200µ" tin; contact, 30µ" gold. Non-RoHS plating: sleeve, 200µ" tin/lead; contact, 30µ" gold.



Mfg. Part No.	Contacts	Length	Stock No.	Price Each	
				1-9	10-99
310-93-164-41-001000	64	6.40"	66F9246	5.27	4.75
● 310-43-164-41-001000	64	6.40"	04M2491	3.79	3.40

(4732)

LONG SOLDER TAIL SOCKETS FOR MULTILAYER PCB'S - OPEN FRAME



- Open frame DIP socket
- Current rating: 3A
- Above PC board height .165"
- High reliable 4 finger contact

DIP sockets with increased solder tail length of 0.170", allowing application on multilayer PCBs up to 0.139" thickness. PLATING: SLEEVE, 200µ" TIN; CONTACT, 30µ" GOLD

Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-9	10-99
● 111-43-308-41-001000	8	0.4	0.3	04M0645	1.11	0.77
● 111-43-314-41-001000	14	0.7	0.3	04M0647	1.78	1.24
● 111-43-316-41-001000	16	0.8	0.3	04M0648	2.02	1.40
● 111-43-320-41-001000	20	1.0	0.3	04M0650	2.41	1.67
● 111-43-324-41-001000	24	1.2	0.3	04M0652	2.86	1.99
● 111-43-624-41-001000	24	1.2	0.6	04M0659	2.87	1.99
● 111-43-628-41-001000	28	1.4	0.6	04M0660	3.32	2.31
● 111-43-632-41-001000	32	1.6	0.6	04M0661	3.78	2.62
● 111-43-640-41-001000	40	2.0	0.6	04M0663	4.69	3.26

(115449)

SHRINK DIP SOCKETS - SOLDER TAIL



- Open frame DIP socket
- Current rating: 3A
- Above PC board height .165"
- High reliable 4 finger contact

High density DIP sockets for devices featuring 0.070" lead spacing.

PLATING: SLEEVE, 200µ" TIN; CONTACT, 30µ" GOLD

Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-9	10-99
● 117-43-316-41-005000	16	0.572	0.30	04M0713	3.48	2.42
● 117-43-428-41-005000	28	0.992	0.40	04M0714	5.52	3.84
● 117-43-430-41-005000	30	1.062	0.40	04M0715	5.88	4.09
● 117-43-448-41-005000	48	1.692	0.40	04M0716	8.76	6.09
● 117-43-620-41-005000	20	0.712	0.60	04M0717	4.08	2.84

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**SHRINK DIP SOCKETS - SOLDER TAIL (CONT.)**

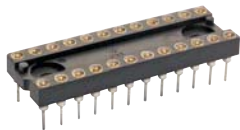
Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-9	10-99
● 117-43-628-41-005000	28	0.992	0.60	<a href="#">04M0718</a>	5.52	3.84
● 117-43-640-41-005000	40	1.412	0.60	<a href="#">04M0719</a>	7.38	5.13
● 117-43-642-41-005000	42	1.482	0.60	<a href="#">04M0720</a>	7.73	5.37
● 117-43-648-41-005000	48	1.692	0.60	<a href="#">04M0721</a>	8.76	6.09
● 117-43-652-41-005000	52	1.832	0.60	<a href="#">04M0722</a>	9.45	6.57
● 117-43-656-41-005000	56	1.972	0.60	<a href="#">04M0723</a>	10.14	7.05
● 117-43-664-41-005000	64	2.252	0.60	<a href="#">04M0724</a>	11.53	8.01
● 117-43-668-41-005000	68	2.392	0.60	<a href="#">04M0725</a>	12.22	8.49
● 117-43-764-41-005000	64	2.252	0.75	<a href="#">04M0726</a>	11.53	8.01

(115450)

**SOLDER TAIL DIP SOCKETS - CLOSED FRAME**



- Closed frame DIP socket
- Current rating: 3A
- Above PC board height .165"
- High reliable 4 finger contact



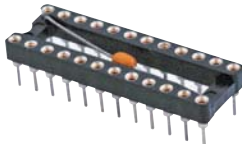
Closed frame insulator withstands high mechanical impact. Low profile.

PLATING: SLEEVE, 200µ" TIN; CONTACT, 30µ" GOLD

Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-9	10-99
● 210-43-308-41-001000	8	0.4	0.3	<a href="#">04M1727</a>	0.92	0.64
● 210-43-314-41-001000	14	0.7	0.3	<a href="#">04M1729</a>	1.60	1.11
● 210-43-316-41-001000	16	0.8	0.3	<a href="#">04M1730</a>	1.83	1.27
● 210-43-324-41-001000	24	1.2	0.3	<a href="#">04M1734</a>	2.74	1.90
● 210-43-624-41-001000	24	1.2	0.6	<a href="#">04M1737</a>	2.74	1.90
● 210-43-628-41-001000	28	1.4	0.6	<a href="#">04M1738</a>	3.20	2.22
● 210-43-632-41-001000	32	1.6	0.6	<a href="#">04M1739</a>	3.65	2.54
● 210-43-640-41-001000	40	2.0	0.6	<a href="#">04M1741</a>	4.56	3.17

(115454)

**DIP SOCKETS WITH INTEGRAL DECOUPLING CAPACITORS**



Low-profile DIP sockets feature an integral decoupling capacitor; 0.1µF 20%-50V multi-layer ceramic epoxy encapsulated. Hi-rel. 4-finger clip. Contacts plated with 30µ" gold, 200µ" tin plating on sleeve. Temperature range: -25°C to +85°C. For product dimensions please visit [www.newark.com](http://www.newark.com)

Mfg. Part No.	Contacts	Dimensions A x B	Stock No.	Price Each	
				1-24	25-99
110-93-314-41-801000	14	0.7" x 0.4"	<a href="#">17C2303</a>	2.81	
● 110-43-314-41-801000	14	0.7" x 0.4"	<a href="#">87K7522</a>	2.94	
110-93-316-41-801000	16	0.8" x 0.4"	<a href="#">17C2307</a>	2.96	
● 110-43-316-41-801000	16	0.8" x 0.4"	<a href="#">87K7523</a>	3.03	
110-93-318-41-801000	18	0.9" x 0.4"	<a href="#">17C2311</a>	3.02	
110-93-320-41-801000	20	1.0" x 0.4"	<a href="#">17C2315</a>	3.24	
● 110-43-320-41-801000	20	1.0" x 0.4"	<a href="#">87K7525</a>	3.30	
110-93-324-41-801000	24	1.2" x 0.4"	<a href="#">17C2322</a>	3.72	
● 110-43-324-41-801000	24	1.2" x 0.4"	<a href="#">87K7527</a>	3.74	
110-93-628-41-801000	28	1.4" x 0.7"	<a href="#">17C2344</a>	4.26	
● 110-43-628-41-801000	28	1.4" x 0.7"	<a href="#">87K7529</a>	4.38	

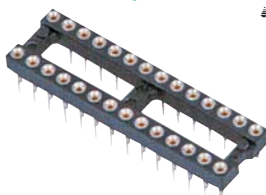
(53070)

**LOW-PROFILE DIP SOCKETS**

Just Added



- Current rating: 3A
- Open frame, solder tail
- Accepts .015-.025" dia. pins
- Hi-reliable 4-finger contacts



➔ CONTINUED ➔

**LOW-PROFILE DIP SOCKETS (CONT.)**

PLATING: SLEEVE, 10µ" GOLD; CONTACT, 30µ" GOLD

Mfg. Part No.	Contacts	Dimensions A x B (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-9	10-99
110-13-308-41-001000	8	0.4 x 0.4		<a href="#">17C2222</a>	0.90	0.63
110-13-314-41-001000	14	0.7 x 0.4		<a href="#">17C2226</a>	1.58	1.10
110-13-316-41-001000	16	0.8 x 0.4		<a href="#">17C2229</a>	1.80	1.25
110-13-318-41-001000	18	0.9 x 0.4		<a href="#">17C2231</a>	2.03	1.41
110-13-320-41-001000	20	1.0 x 0.4		<a href="#">17C2233</a>	2.25	1.56
110-13-324-41-001000	24	1.2 x 0.4		<a href="#">17C2237</a>	2.70	1.88
110-13-624-41-001000	24	1.2 x 0.7		<a href="#">23K7809</a>	2.70	1.88
110-13-628-41-001000	28	1.4 x 0.7		<a href="#">53H8348</a>	3.15	2.19
110-13-640-41-001000	40	2.0 x 0.7		<a href="#">23K7812</a>	4.50	3.12

PLATING: SLEEVE, 200µ" TIN-LEAD; CONTACT, 200µ" TIN-LEAD

110-99-308-41-001000	8	0.4 x 0.4		<a href="#">17C2371</a>	0.48	0.34
110-99-314-41-001000	14	0.7 x 0.4		<a href="#">17C2373</a>	0.84	0.59
110-99-316-41-001000	16	0.8 x 0.4		<a href="#">17C2374</a>	0.96	0.67
110-99-320-41-001000	20	1.0 x 0.4		<a href="#">17C2375</a>	1.20	0.84
110-99-324-41-001000	24	1.2 x 0.4		<a href="#">17C2376</a>	1.44	1.00
110-99-628-41-001000	28	1.4 x 0.7		<a href="#">17C2384</a>	1.58	1.10
110-99-640-41-001000	40	2.0 x 0.7		<a href="#">17C2387</a>	2.25	1.56

PLATING: SLEEVE, 200µ" TIN; CONTACT, 200µ" TIN

● 110-44-308-41-001000	8	0.4 x 0.4		<a href="#">04M0615</a>	0.51	0.36
● 110-44-314-41-001000	14	0.7 x 0.4		<a href="#">04M0617</a>	0.90	0.62
● 110-44-316-41-001000	16	0.8 x 0.4		<a href="#">04M0618</a>	1.02	0.71
● 110-44-320-41-001000	20	1.0 x 0.4		<a href="#">04M0620</a>	1.28	0.89
● 110-44-324-41-001000	24	1.2 x 0.4		<a href="#">04M0622</a>	1.53	1.06
● 110-44-628-41-001000	28	1.4 x 0.7		<a href="#">04M0630</a>	1.79	1.24
● 110-44-640-41-001000	40	2.0 x 0.7		<a href="#">04M0633</a>	2.55	1.77

PLATING: SLEEVE, 200µ" TIN-LEAD; CONTACT, 30µ" GOLD

110-93-308-41-001000	8	0.4 x 0.4		<a href="#">17C2295</a>	0.65	0.45
110-93-314-41-001000	14	0.7 x 0.4		<a href="#">17C2301</a>	1.13	0.79
110-93-316-41-001000	16	0.8 x 0.4		<a href="#">17C2305</a>	1.29	0.90
110-93-318-41-001000	18	0.9 x 0.4		<a href="#">17C2308</a>	1.46	1.01
110-93-320-41-001000	20	1.0 x 0.4		<a href="#">17C2312</a>	1.62	1.12
110-93-324-41-001000	24	1.2 x 0.4		<a href="#">17C2319</a>	1.94	1.35
110-93-632-41-001000	32	1.6 x 0.7		<a href="#">17C2345</a>	2.58	1.79
110-93-640-41-001000	40	2.0 x 0.7		<a href="#">17C2351</a>	3.23	2.24

PLATING: SLEEVE, 200µ" TIN; CONTACT, 30µ" GOLD

● 110-43-308-41-001000	8	0.4 x 0.4		<a href="#">04M0550</a>	0.66	0.46
● 110-43-314-41-001000	14	0.7 x 0.4		<a href="#">04M0555</a>	1.16	0.81
● 110-43-316-41-001000	16	0.8 x 0.4		<a href="#">37K7250</a>	1.32	0.92
● 110-43-318-41-001000	18	0.9 x 0.4		<a href="#">04M0560</a>	1.49	1.03
● 110-43-320-41-001000	20	1.0 x 0.4		<a href="#">04M0563</a>	1.50	1.04
● 110-43-324-41-001000	24	1.2 x 0.4		<a href="#">04M0568</a>	1.80	1.25
● 110-43-628-41-001000	28	1.4 x 0.7		<a href="#">04M0586</a>	2.10	1.46
● 110-43-632-41-001000	32	1.6 x 0.7		<a href="#">04M0589</a>	2.64	1.83
● 110-43-640-41-001000	40	2.0 x 0.7		<a href="#">04M0594</a>	3.00	2.08

(4791)

**VERY LOW-PROFILE DIP SOCKETS**



- Open frame DIP socket
- Current rating: 3A
- Above PC board height .122"
- High reliable 4 finger contact



PLATING: SLEEVE, 200µ" TIN-LEAD; CONTACT, 30µ" GOLD

Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-9	10-99
115-93-314-41-001000	14	0.7	0.3	<a href="#">17C2574</a>	1.68	1.16
115-93-316-41-001000	16	0.8	0.3	<a href="#">17C2576</a>	1.91	1.33
115-93-318-41-001000	18	0.9	0.3	<a href="#">17C2578</a>	1.59	1.31
115-93-324-41-001000	24	1.2	0.3	<a href="#">53H8390</a>	2.13	1.76
115-93-328-41-001000	28	1.4	0.3	<a href="#">17C2585</a>	2.39	1.97

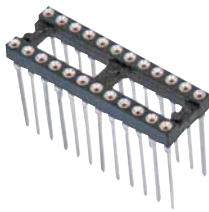
PLATING: SLEEVE, 200µ" GOLD; CONTACT, 30µ" GOLD

● 115-43-314-41-001000	14	0.7	0.3	<a href="#">04M0676</a>	1.67	1.16
● 115-43-316-41-001000	16	0.8	0.3	<a href="#">04M0677</a>	1.90	1.32
● 115-43-318-41-001000	18	0.9	0.3	<a href="#">04M0678</a>	2.35	1.63
● 115-43-320-41-001000	20	1.0	0.3	<a href="#">04M0680</a>	2.27	1.57
● 115-43-328-41-001000	28	1.4	0.3	<a href="#">04M0684</a>	3.12	2.16

(18142)

SOCKETS – DIP/SIP

THREE-LEVEL WRAPOST DIP SOCKETS



- Current rating: 3A
- Open frame
- Wrap post terminals length = 0.510"
- High reliable 4 finger contact

PLATING: SLEEVE, 200µ" TIN-LEAD; CONTACT, 30µ" GOLD

Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-49	50-99
123-93-308-41-001000	8	0.4	0.3	<a href="#">17C3009</a>	1.42	1.23
123-93-314-41-001000	14	0.7	0.3	<a href="#">17C3011</a>	2.47	2.15
123-93-316-41-001000	16	0.8	0.3	<a href="#">17C3013</a>	2.83	2.45
123-93-320-41-001000	20	1.0	0.3	<a href="#">17C3017</a>	2.72	2.36
123-93-324-41-001000	24	1.2	0.3	<a href="#">17C3021</a>	4.40	3.82
123-93-624-41-001000	24	1.2	0.6	<a href="#">17C3030</a>	4.40	3.82
123-93-628-41-001000	28	1.4	0.6	<a href="#">17C3032</a>	5.08	4.41

PLATING: SLEEVE, 10µ" GOLD; CONTACT, 30µ" GOLD

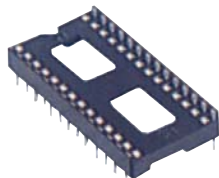
Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-99	100-249
123-13-308-41-001000	8	0.4	0.3	<a href="#">17C2941</a>	1.84	1.60
123-13-314-41-001000	14	0.7	0.3	<a href="#">17C2943</a>	3.21	2.79
123-13-316-41-001000	16	0.8	0.3	<a href="#">17C2945</a>	5.04	3.50
123-13-320-41-001000	20	1.0	0.3	<a href="#">17C2949</a>	4.74	4.11
123-13-324-41-001000	24	1.2	0.3	<a href="#">17C2953</a>	5.62	4.88
123-13-624-41-001000	24	1.2	0.6	<a href="#">17C2962</a>	5.62	4.88
123-13-628-41-001000	28	1.4	0.6	<a href="#">17C2964</a>	6.50	5.64

PLATING: SLEEVE, 200µ" TIN; CONTACT, 30µ" GOLD

Mfg. Part No.	Contacts	Dimensions (in.)		Stock No.	Price Each	
		Length	Row Spacing		1-99	100-249
<a href="#">123-43-308-41-001000</a>	8	0.4	0.3	<a href="#">87K7537</a>	1.81	1.57
<a href="#">123-43-314-41-001000</a>	14	0.7	0.3	<a href="#">87K7538</a>	2.91	2.53
<a href="#">123-43-316-41-001000</a>	16	0.8	0.3	<a href="#">04M0802</a>	3.29	2.86
<a href="#">123-43-320-41-001000</a>	20	1.0	0.3	<a href="#">04M0805</a>	3.88	3.36
<a href="#">123-43-324-41-001000</a>	24	1.2	0.3	<a href="#">87K7540</a>	4.58	3.98
<a href="#">123-43-624-41-001000</a>	24	1.2	0.6	<a href="#">04M0817</a>	4.58	3.98
<a href="#">123-43-628-41-001000</a>	28	1.4	0.6	<a href="#">04M0819</a>	5.29	4.60

(18144)

DUAL WIPE DIP SOCKETS



- Low profile
- Dual wiping contact
- Stack end to end or side to side for high board density
- Large target area with tapered lead-in ramps for easy dip insertion
- Phosphor Bronze Contact
- Insulator: P.B.T 30% G.F. polyester, UL recognized
- Plating: Tin-plated over nickel
- High quality turned pin options

Specifications

- Contact Rating: 1A
- Contact Resistance: 20 mΩ max.
- Insulation Resistance: 5000 MΩ @ 500 VDC
- Dielectric Withstanding Voltage: 1000 VAC (1 Min)
- Capacitance: 0.5 pF max.
- Dielectric Withstand Voltage: 1,000 Vrms
- Operating Temperature: -45°C to +105°C
- Engaging Force: 340 Grams per contact max.
- Separating Force: 20 Grams per contact max.
- Durability: 50 cycles

0.3" (7.62MM) ROW SPACING (SOLD INDIVIDUALLY)

Mfg. Part No.	No. of Contacts	Tube Quantity	Stock No.	Price Each	
				1-249	250-499
2227-20-03-07	20	1	<a href="#">19J4135</a>	0.10	

0.3" (7.62mm) ROW SPACING (SOLD IN TUBES)

Mfg. Part No.	Contacts	Tube Qty	Stock No.	Price Each
<a href="#">MC-2227-08-03-F1</a>	8	60	<a href="#">26M1084</a>	4.19
<a href="#">MC-2227-14-03-F1</a>	14	34	<a href="#">26M1085</a>	1.88
<a href="#">MC-2227-16-03-F1</a>	16	30	<a href="#">26M1086</a>	1.89
<a href="#">MC-2227-18-03-F1</a>	18	26	<a href="#">26M1087</a>	1.84
<a href="#">MC-2227-20-03-F1</a>	20	24	<a href="#">26M1088</a>	1.89
<a href="#">MC-2227-28-03-F1</a>	28	17	<a href="#">24M4370</a>	1.88

0.6" (15.24mm) ROW SPACING (SOLD INDIVIDUALLY)

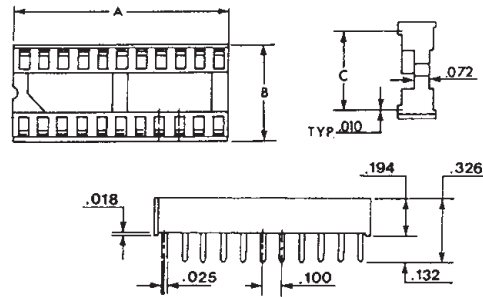
Mfg. Part No.	Contacts	Tube Qty	Stock No.	Price Each
2227-40-06-05	40	1	<a href="#">19J4141</a>	0.20

0.6" (15.24mm) ROW SPACING (SOLD IN TUBES)

Mfg. Part No.	Contacts	Tube Qty	Stock No.	Price Each
<a href="#">MC-2227-40-06-F1</a>	40	12	<a href="#">24M4373</a>	1.89
<a href="#">MC-2227-28-06-F1</a>	28	17	<a href="#">24M4371</a>	1.88
<a href="#">MC-2227-32-06-F1</a>	32	15	<a href="#">24M4372</a>	1.89

(116633)

LOW-PROFILE DIP SOCKETS

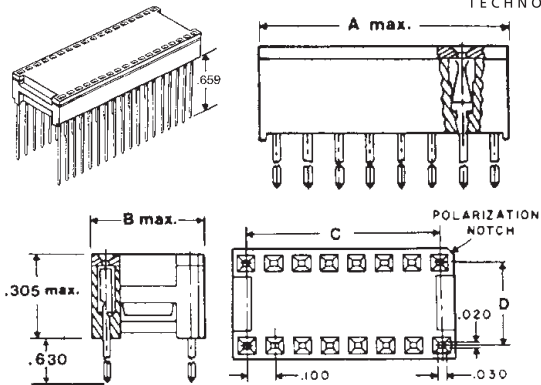


ICD series low-profile DIP sockets feature high reliability contacts with a two-point contacting structure. Phosphor bronze contacts have a tin alloy plating rated at 1A, 250VAC. Contact resistance: 20MΩ maximum. Dielectric withstanding voltage: 500VAC rms for 1 minute. Housing standoffs accommodate board cleaning. Sockets can be stacked on 0.100" (2.54) centers end-to-end. Visible polarization. Glass-filled polyester housing, rated UL94V-0. Operating temperature: -55°C to +125°C. Sold in multiples of 5.

Mfg. Part No.	Contacts	Dimensions			Stock No.	Price Each	
		A	B	C		1-99	100-249
<a href="#">SPC15556</a>	6	0.300"	0.395"	0.300"	<a href="#">82K7829</a>	0.10	0.09
<a href="#">SPC15494</a>	8	0.400"	0.395"	0.300"	<a href="#">82K7786</a>	0.15	0.14
<a href="#">SPC15496</a>	14	0.700"	0.395"	0.300"	<a href="#">82K7787</a>	0.19	0.17
<a href="#">SPC15498</a>	16	0.800"	0.395"	0.300"	<a href="#">82K7788</a>	0.19	0.17
<a href="#">SPC15500</a>	18	0.900"	0.395"	0.300"	<a href="#">82K7789</a>	0.20	0.18
<a href="#">SPC15501</a>	20	1.000"	0.395"	0.300"	<a href="#">82K7790</a>	0.24	0.22
<a href="#">SPC15503</a>	24	1.200"	0.695"	0.600"	<a href="#">82K7791</a>	0.29	0.26
<a href="#">SPC15504</a>	28	1.400"	0.695"	0.600"	<a href="#">82K7792</a>	0.33	0.31
<a href="#">SPC15505</a>	40	2.000"	0.695"	0.600"	<a href="#">82K7793</a>	0.47	0.43
<a href="#">SPC15557</a>	32	1.600"	0.700"	0.600"	<a href="#">82K7830</a>	0.38	0.35
<a href="#">SPC15558</a>	48	2.400"	0.700"	0.600"	<a href="#">82K7831</a>	0.56	0.52

(4571)

VOLTREX™ BRAND DIP SOCKETS



SP series standard-profile DIP sockets are available with solder or wire-wrap termination. Closed entry insulator design virtually eliminates contact damage. Sockets have mounting holes for fastening to circuit boards. Twin beam edge wire contacts provide optimum performance, extended life. Contact material: phosphor bronze. Solder pin dimensions: 0.008" x 0.025" x 0.125" long; solderless pin dimensions: 0.025" square x 0.630" long. Operating temperature range: -65°C to +125°C.

SP SERIES STANDARD-PROFILE IC SOCKETS

Mfg. Part No.	Contacts	Terminals	Contact Plating	Dimensions (inches)				Stock No.	Price Each
				A Max.	B Max.	C	D		
<a href="#">SPC22184</a>	14	Wire-Wrap	Gold	0.745	0.395	0.600	0.300	<a href="#">26M8147</a>	2.84
<a href="#">SPC22185</a>	14	Wire-Wrap	Tin	0.745	0.395	0.600	0.300	<a href="#">26M8148</a>	1.08
<a href="#">SPC22186</a>	14	Solder	Gold	0.745	0.395	0.600	0.300	<a href="#">26M8149</a>	1.88
<a href="#">SPC22187</a>	14	Solder	Tin	0.745	0.395	0.600	0.300	<a href="#">26M8150</a>	1.75
<a href="#">SPC22188</a>	16	Wire-Wrap	Gold	0.845	0.395	0.700	0.300	<a href="#">26M8151</a>	2.46
<a href="#">SPC22189</a>	16	Wire-Wrap	Tin	0.845	0.395	0.700	0.300	<a href="#">26M8152</a>	2.57
<a href="#">SPC22190</a>	16	Solder	Gold	0.845	0.395	0.700	0.300	<a href="#">26M8153</a>	2.18
<a href="#">SPC22192</a>	18	Wire-Wrap	Gold	0.945	0.395	0.800	0.300	<a href="#">26M8155</a>	3.54
<a href="#">SPC22193</a>	24	Wire-Wrap	Gold	1.245	0.695	1.100	0.600	<a href="#">26M8156</a>	7.08
<a href="#">SPC22196</a>	40	Wire-Wrap	Gold	2.045	0.695	1.900	0.600	<a href="#">26M8159</a>	11.75

(4585)

SOCKETS – DIP/SIP • SOCKETS – CPU

**MP SERIES LOW-PROFILE MACHINED PIN SOLDER-TAIL SOCKETS**



- Glass-Filled Polyester Insulating Body Conforms to UL94V-0

Outer sleeves: brass-over-nickel-over-copper flash. Inner contacts are beryllium copper with gold-over-copper flash, per MIL-G-45204B. Sockets available in tubes for use with automatic insertion equipment. Withstand voltage: 1500V RMS. Working voltage: 10mV to 60V. Operating temperature: -55°C to +125°C. Soldering temperature: 260°C maximum for 5 seconds. Resistance against Freon, Frigen, Akrolone, Alpha-detergent (short treatment only). Able to withstand 1000-cycle insertion.



**GOLD SLEEVE PLATING**

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		Length	Width		1-49	50-99
● SPC15559	6	0.300"	0.400"	82K7832	0.67	0.61
● SPC15511	8	0.400"	0.400"	82K7799	0.88	0.81
● SPC15513	14	0.700"	0.400"	82K7800	1.42	1.30
● SPC15516	16	0.800"	0.400"	82K7801	1.62	1.48
● SPC15518	18	0.900"	0.400"	82K7802	1.82	1.67
● SPC15520	20	1.000"	0.400"	82K7803	2.03	1.85
● SPC15522	24	1.200"	0.700"	82K7804	2.43	2.22
● SPC15523	28	1.400"	0.700"	82K7805	2.84	2.59
● SPC15561	32	1.600"	0.700"	82K7834	2.34	1.63
● SPC15524	40	2.000"	0.700"	82K7806	4.05	3.70
● SPC15534	48	2.400"	0.700"	82K7815	4.86	4.44
● SPC15535	64	3.200"	1.000"	82K7816	6.48	5.92

**TIN SLEEVE PLATING**

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		Length	Width		1-49	50-99
● SPC15560	6	0.300"	0.400"	82K7833	0.44	0.40
● SPC15525	8	0.400"	0.400"	82K7807	0.59	0.54
● SPC15526	14	0.700"	0.400"	82K7808	1.02	0.94
● SPC15527	16	0.800"	0.400"	82K7809	1.17	1.07
● SPC15528	18	0.900"	0.400"	82K7810	1.31	1.20
● SPC15529	20	1.000"	0.400"	82K7811	1.46	1.33
● SPC15530	24	1.200"	0.700"	82K7812	1.75	1.60
● SPC15531	28	1.400"	0.700"	82K7813	2.04	1.87
● SPC15562	32	1.600"	0.700"	82K7835	2.33	2.13
● SPC15533	40	2.000"	0.700"	82K7814	2.91	2.66
● SPC15536	48	2.400"	0.700"	82K7817	3.49	3.19

(4664)

**DIP SOCKETS WITH INTEGRAL DECOUPLING CAPACITOR**



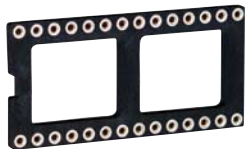
DIP sockets eliminate noise at the source before it can reach the chip—an advantage in high-speed logic and memory applications. Center-to-center pin spacing: 0.100" (2.54). Integral glass-encapsulated ceramic capacitor: 0.1uF 50VDC. Capacitor leads are connected directly to the ground and voltage pin of socket to an interference fit. Insulator body material: glass-filled polyester, rated UL94V-0.



Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		Width	Length		1-49	50-99
● SPC15585	14	0.400"	0.700"	82K7856	2.71	2.48
● SPC15586	16	0.400"	0.800"	82K7857	2.89	2.65
● SPC15587	20	0.400"	1.000"	82K7858	3.17	2.90
● SPC15588	24	0.700"	1.200"	82K7859	4.06	3.72
● SPC15590	40	0.700"	2.000"	82K7861	4.53	4.14

(4566)

**SUPER-FLAT MACHINED PIN LOW-PROFILE DIP SOCKETS**



Open frame design allows better access to printed circuit and improves cooling capacity. Contacts: gold finish except for Mfg. Part No. MP5L-14-T and SPC15577, which have nickel over copper. Outer sleeves: brass-nickel over copper flash finish. Insulator: thermoplastic polyester with 30% glass fiber, self-extinguishing UL 94V-0. Resistance: <10 megohms. Overload voltage: @ 50Hz >1000Vrms. Contact resistance: <10 megohms. Operating temperature: -55°C to +125°C. Mounting height: 0.096" (2.44) above board.

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		Width	Length		1-49	50-99
● SPC15576	8	0.400"	0.400"	82K7848	0.97	0.88
● SPC15577	14	0.399"	0.700"	82K7849	1.64	1.49
● SPC15578	16	0.399"	0.800"	82K7850	1.87	1.71
● SPC15580	18	0.399"	0.900"	82K7851	2.10	1.92

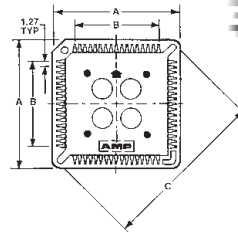
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**SUPER-FLAT MACHINED PIN LOW-PROFILE DIP SOCKETS (CONT.)**

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		Width	Length		1-49	50-99
● SPC15581	20	0.399"	1.000"	82K7852	2.01	1.40
● SPC15582	24	0.699"	1.200"	82K7853	2.39	1.66
● SPC15583	28	0.699"	1.400"	82K7854	2.76	1.92
● SPC15584	40	0.699"	2.000"	82K7855	4.67	4.26

(4572)

**AMP 822473 SERIES THRU-HOLE PLCC SOCKETS**



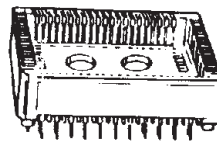
- Height Above PC Board: 0.333" (8.45mm)
- Thermoplastic Housing, Flammability Rated UL94V-0
- Phosphor Bronze Contacts
- Contact Mating Area Plating: Tin Lead Over Nickel

Designed to accept tin-plated PLCC packages conforming to JEDEC standards.

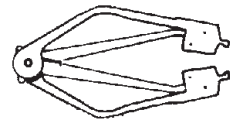
Mfg. Part No.	No. of Positions	Dimensions (mm)			Stock No.	Price Each
		A	B	C		1-24
● 1-822473-1	20	15.56	5.08	17.20	56K5488	2.00
● 1-822473-2	28	18.10	7.62	20.70	52K3410	1.39
● 1-822473-3	32	†	‡	22.65	36K3017	1.45
● 1-822473-4	44	23.18	12.70	27.50	28K0075	2.10
● 1-822473-5	52	25.72	15.24	31.50	52K3411	1.76
● 1-822473-6	68	30.80	20.32	39.00	35K5447	1.64
● 1-822473-7	84	35.88	25.40	46.15	52K3412	2.14

†20.54 x 18.10; ‡10.16 x 7.62 (59786)

**AMP PCS SERIES PLCC CHIP CARRIER SOCKETS**



PCS Series



TX8136-20/84PCS

- 0.100" (2.54) Grid
- Tin-Lead Over Nickel-Plated Phosphor Bronze Contacts
- UL Recognized

Solder tail allows through-hole board patterns. Accepts JEDEC type "A" plastic leaded chip carriers on 0.050" (1.27) centers. High normal force (200 grams minimum) internal standoff assures proper positioning. Order type TX8136-20/84PCS "universal" extraction tool for PLCC sockets separately below.

Mfg. Part No.	Contacts	Configuration	Stock No.	Price Each
				1-9
● 1571539-1	20	0.395" Square	16M2723	2.49
● 1571539-2	28	0.495" x 0.485"	52K3419	2.53
● 1571540-1	32	0.595" x 0.495"	52K3420	2.21
● 1571541-1	44	0.695" Square	52K3421	3.58
● 1571541-2	52	0.795" x 0.785"	52K3422	3.86
● 1571541-3	68	0.995" Square	52K3423	2.66
● PCS-084A-1-LF	84	1.195" Square	02M6267	1.94

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
TX8136-20/84PCS	PCS "universal" extraction tool for PLCC sockets	50F1688	97.36

(4843)



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(148859)

SOCKETS – CPU • SOCKETS – MEMORY

AMP LOW PROFILE, LOW INSERT FORCE SURFACE MOUNT PLCC SOCKETS



- Height Above PC Board: 0.181" (4.60)
- Housing Flammability Rating: UL94V-0
- Phosphor Bronze Contacts

Surface mount PLCC sockets accommodate plastic "J" leaded, tin-plated devices made to JEDEC specifications MS-018 (square packages) and MO-052-AE (rectangular packages). UL recognized, CSA certified. Order tools separately below.

Mfg. Part No.	Positions	Package	Stock No.	Price Each	
				1-24	
● 822516-3	20	Square	16M3450		0.81
● 822516-2	28	Square	16M3449		1.18
● 822516-7	32	Rectangular	56K5288		0.90
● 3-822516-7*	32	Rectangular	80K4715		1.23
● 822516-1	44	Square	16M3448		1.02
● 3-822516-1*	44	Square	24K3835		1.48
● 822516-4	52	Square	16M3451		1.27
● 822516-5	68	Square	16M3452		1.67
● 822516-6	84	Square	06M3574		1.89

EXTRACTION TOOLS

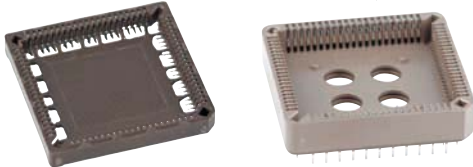
\* Tape Pack

Mfr. Part No.	For Positions	For Socket Type	Stock No.	Price Each
● 821980-1	32	Rectangular	50F2287	68.73
● 821981-1	44	Square	50F2274	71.57
● 822026-1	68	Square	50F2276	62.82
● 822268-1	84	Square	92F4862	72.20

Mfg. Part No.	Description	Stock No.	Price 1-24
● 822154-1	All-purpose tool	95F2998	4.80

(4594)

PLCC SOCKETS



- Through-hole or surface mount options
- Through-hole version has tin plated copper alloy contacts
- SMD version has tin plated phosphor bronze contacts
- Polyphenylene sulphide body, UL recognized
- Supplied both individually and in tube multiples

THROUGH HOLE SOCKETS (SOLD INDIVIDUALLY)

Mfg. Part No.	No. of Contacts	Stock No.	Price Each
● 6601-84-PPS-08-F6	84	93K4861	0.99

SURFACE MOUNT SOCKETS (SOLD INDIVIDUALLY)

● 6601-20-01-18-F6	20	93K4839	0.39
● 6601-28-01-16-F6	28	93K4843	0.38
● 6601-32-01-16-F6	32	93K4847	0.35
● 6601-44-01-12-F6	44	93K4851	0.45
● 6601-52-01-11-F6	52	93K4855	0.70
● 6601-68-01-09-F6	68	93K4859	0.74
● 6601-84-01-08-F6	84	93K4863	1.00

THROUGH HOLE SOCKETS (SOLD IN TUBES)

Mfg. Part No.	No. of Contacts	Tube Quantity	Stock No.	Price Each	
				1-249	
● 6601-20-PPS-18-F6	20	1	93K4837		0.58
● 6601-44-PPS-F6	44	24	93K4848		12.35
● 6601-68-PPS-F6	68	18	93K4856		11.25
● 6601-84-PPS-F6	84	15	93K4860		9.90

SURFACE MOUNT SOCKETS (SOLD IN TUBES)

● 6601-32-01-F6	32	28	93K4846	6.43
● 6601-44-01-F6	44	25	93K4850	7.49

(116635)

0.6mm PITCH DDR SO-DIMM MEMORY SOCKETS

Just Added



- 5.2mm connector height
- 3.3mm separation between host board and module
- Polarizing features on housing for proper orientation during placement
- Hold-downs provide additional mechanical strength after soldering

- Housing: Black High-temperature thermoplastic UL94V-0
- Contact Base Metal: Gold plated copper alloy
- SMT Retainer: copper alloy
- Current Rating: 0.5A/contact maximum
- Durability: 25 cycles minimum

Right-angle small outline (SO) surface mount DIMM memory sockets feature dual-row edge contacts at the module interface spaced on 0.6mm pitch. SO-DIMM connectors utilize surface-mount termination to the host PCB.

Mfg. Part No.	Positions	Style	Stock No.	Price Each	
				1-24	
● 59354-052FSLF	200	Right Angle, Standard	53K1440		5.18
● 59355-052FSLF	200	Right Angle, Reverse	53K1441		2.91

(134278)

SIM CARD CONNECTORS

Just Added



S06 & S10 SERIES MICROSIM CONNECTORS

Mini SIM connector range designed to meet interconnection requirements of both the full size SIM IC card and plug in MicroSIM cards. Available with 6 (S10) or 8 (S06) contacts. Low profile - 1.5 mm to 2.0 mm above PCB. Easily integrated into telephone handset or terminal device.

Mfg. Part No.	Circuits	Packaging	Stock No.	Price Each	
				1-24	
● 7111S1015X01LF	6	Tape & Reel	06M1918		1.07
● 7311S0625X01LF	8	Tray	62K7619		0.77
● 7111S0625X01LF	8	Tape & Reel	62K7129		1.16

S07 SERIES SIM CONNECTORS

Mini SIM connector range designed to meet interconnection requirements of both full size IC Chip Card or plug in micro SIM Card. Specially equipped with integrated blade switch normally open for detection of full size IC Chip card. One version equipped with convenient card stop, either 6 or 8 data contacts. Low profile from 0.75 mm to 4.5 mm above the PCB. Meets the requirements for the automotive industry.

Mfg. Part No.	Circuits	Description	Packaging	Stock No.	Price Each	
					1-24	
● 7311S0725A01LF	8	Low Profile	Tray	62K7620		0.76
● 7312S0725A05LF	8	Stand Off	Tray	06M2003		1.62

S08 SERIES MINISIM CONNECTORS

Plug in SIM/SAM connector. Open or full cover, opening up to 120°, with or without spring. Locking of the cover by sliding action. Dedicated to both SIM and SAM applications. Visible SMT contact tails and window cover version allow easy electrical testing of the soldered connector.

Mfg. Part No.	Circuits	Spring Loaded	Cover Type	Packaging	Stock No.	Price Each	
						1-24	
● 7312S0815X01LF	6	Yes	Windows	Tray	84K6606		0.94
● 7312S0815X19LF	6	No	No Windows	Tray	62K7627		0.82
● 7112S0825X01LF	8	Yes	Windows	Tape & Reel	06M1922		1.87
● 7312S0825X01LF	8	Yes	Windows	Tray	06M2005		1.06
● 7312S0825X19LF	8	No	No Windows	Tray	62K7628		1.07

S16 SERIES SIM CONNECTORS

This connector is designed to meet interconnection requirements plug in microSIM cards. The S16 series is equipped with 6 contacts, Insulator and with or w/o a switch terminal. Features a compact design: only 3.75 mm above board profile. Self cleaning of the contact provided by the motion of the connector cover before locking. Designed for SMT automatic assembly processes. Supplied in tape and reel packaging

Mfg. Part No.	Circuits	Pad Width	Packaging	Stock No.	Price Each	
					1-24	
● 7111S1615A01LF	6	1.32 mm	Tape & Reel	06M1919		1.61
● 7111S1615A02LF	6	2.20 mm	Tape & Reel	62K7130		1.72

S20 SERIES MICROSIM CONNECTORS

This connector is designed to meet interconnection requirements of plug in micro SIM cards. The S20 series is equipped with 6 contacts, hinge and cover. Compact design: only 2.5 mm above board profile. Reliable and durable locking/latching mechanism. Correct orientation of the SIM card guaranteed by integral polarizing feature. Self cleaning of the contact provided by the motion of the connector cover before locking. Visible SMT contact tails and "open window" cover allow easy electrical testing of the soldered connector. Designed for SMT automatic assembly processes. Supplied in tape and reel packaging.

Mfg. Part No.	Circuits	Packaging	Stock No.	Price Each	
				1-24	
● 7111S2015X02LF	6	Tape & Reel	62K7131		0.93

(134279)

1mm DDR3, 0.6mm MINI DIMM DDR3 AND 0.6mm SODIMM SOCKETS



- Current Rating: 1A
- Voltage Rating: 30V
- Operating Temperature Range: -55°C to 85°C
- Contact Plating: Gold

NEW TECHNOLOGY

1mm DDR3 DIMM SOCKETS, VERTICAL, THROUGH HOLE

Mfg. Part No.	Circuits	Entry Angle	PCB Thickness (mm)	Stock No.	Price Each	
					1-9	
● 78079-0001	240	Vertical	1.57	98P0412		11.42
● 78156-0001	240	Vertical	1.57	98P0414		10.60
● 78294-0001	240	Vertical	3.60	98P0418		11.42

➔ CONTINUED ➔

**1mm DDR3, 0.6mm MINI DIMM DDR3 AND 0.6mm SODIMM SOCKETS (CONT.)**

Mfg. Part No.	Circuits	Entry Angle	PCB Thickness (mm)	Stock No.	Price Each	
					1-9	
● 78315-0001	240	Vertical	2.40	98P0423		10.81
● 78321-0011	240	Vertical	1.57	98P0424		11.42
● 78443-0001	240	Vertical	2.36	98P0425		11.42

**0.6mm DDR3 MINI DIMM SOCKETS, RIGHT-ANGLE AND VERTICAL SURFACE MOUNT**

● 78001-3344	244	90°	...	98P0409	18.14
● 78035-0301	244	22.5°	...	98P0410	18.14
● 87782-3003	244	Vertical	...	98P0426	18.14
● 87783-0301	244	22.5°	...	98P0427	32.01
● 87918-0301	244	90°	...	98P0429	18.14

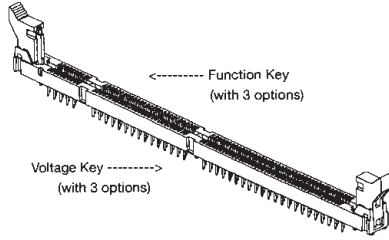
**0.6mm DDR3 SO DIMM SOCKETS**

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	
● 78121-0001	204	98P0413		12.17
● 78194-0001	204	98P0415		11.06
● 78195-0001	204	98P0416		12.17
● 78279-0001	204	98P0417		12.17
● 78308-1130	200	98P0419		12.17
● 78308-2230	200	98P0420		12.17
● 78309-1730	200	98P0421		12.17
● 78309-2230	200	98P0422		11.06

(146398)

**1.27mm DDR AND 1.00mm DDR2 DIMM SOCKETS**

Just Added



71736 and 71251 Series

**71243 Series** single-key DDR DIMM socket features Molded-in identification for voltage and pin no. 1. Dual ejector latches for easy module removal. Module pre-alignment feature prevents mismatching. Stamped and formed contacts reduce debris at interface. Added contact wipe for improved reliability. Contact: phosphor bronze with palladium nickel with gold flash plating. High-temperature thermoplastic housing, rated UL 94V-0. Voltage: 100V Temperature range: -40°C to +85°C.

Mfg. Part No.	Circuits	Voltage	Description	Stock No.	Price Each	
					1-9	
● 712-43-3002	184	2.5V	DDR DIMM	81C8225		6.50

**87623 and 87639 series** low profile single-key DDR DIMM socket with forklocks and plastic pegs accept standard JEDEC MO-206 modules. Dual ejector latches align modules for insertion and provide an audible click when it is in the closed position. Forklocks provide PCB retention during and after soldering. Baseplate ensures PC tail true position. Tight stacking distances of 22.86mm (.900") for typical SOJ package and 13.34mm (.525") for TSOP package. Black, high-temperature thermoplastic housing, rated UL 94V-0. Voltage: 50V. Contact: Copper alloy plated with 15µ" gold, tin on tail and nickel underplating. Temperature range: -40°C to +85°C.

**87623 SERIES LOW PROFILE DDR DIMM SOCKETS - 25° ANGLE ENTRY**

Mfg. Part No.	Circuits	Voltage Key	Contact Plating	PC Tail Length	Stock No.	Price Each
● 87623-2011	184	2.5V, Left	15µ" Gold	2.79 mm	39M5027	5.20
● 87623-2001	184	2.5V, Left	15µ" Gold	3.18 mm	07P6357	6.29
● 87623-2101	184	2.5V, Left	30µ" Gold	2.79 mm	07P6358	7.14
● 87623-2113	184	2.5V, Left	30µ" Gold	3.18 mm	84K7569	6.80

**87639 SERIES LOW PROFILE DDR DIMM SOCKETS - 25° REVERSE ANGLE ENTRY**

● 87639-1001	184	2.5V, Right	15µ" Gold	2.79 mm	07P6360	7.77
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**87636, 87655, and 87693 series** single-key DDR DIMM socket accepts JEDEC MO-206 modules for 100% industry compatibility. Dual ejector latches for easy module removal and minimized micro-motion. Added contact wipe for improved reliability. Beveled metal pins provide PCB retention during and after soldering. Contact: copper alloy plated with 15µ" gold, tin on tail and nickel underplating. Black, high-temperature thermoplastic housing, rated UL 94V-0. Voltage: 125V max. Temperature range: -10°C to +85°C.

**87655 SERIES DDR DIMM SOCKETS - VERTICAL THROUGH HOLE**

Mfg. Part No.	Circuits	Voltage Key	Contact Plating	PC Tail Length	PCB Thickness	Stock No.	Price Each
● 87636-2002	184	2.5V, Left	15µ" Gold	3.23 mm	2.36 mm	07P6359	4.66

**87655 SERIES DDR DIMM SOCKETS - RIGHT ANGLE THROUGH HOLE**

● 87655-0004	184	2.5V, Left	15µ" Gold	2.79 mm	1.57 mm	07P6361	13.57
● 87655-0005	184	2.5V, Left	15µ" Gold	3.18 mm	1.57 mm	07P6362	10.20

**87693 SERIES DDR DIMM SOCKETS - VERTICAL PRESS FIT**

● 87693-0311	184	2.5V, Left	30µ" Gold	3.32 mm	3.60 mm	07P6363	9.89
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**87705, 87749, 87966, 87803, and 87919 series** DDR2 DIMM sockets comply with all JEDEC standards, ensures 100% industry compatibility. Dual ejector latches for easy module insertion and removal with minimal micro-motion. Added contact wipe for improved contact reliability between socket and module card. Forklocks or plastic pegs provide proper

▶ CONTINUED ▶

**1.27mm DDR AND 1.00mm DDR2 DIMM SOCKETS (CONT.)**

socket to PCB alignment, and secure PCB retention during and after soldering. black, high-temperature thermoplastic housing, rated UL 94V-0. Voltage: 30V Contact: Copper alloy plated with 15µ" gold, tin on tail and nickel underplating. Temperature range: -10°C to +85°C.

**87705 SERIES DDR2 DIMM SOCKETS - VERTICAL THROUGH HOLE**

Mfg. Part No.	Circuits	PCB Retention	Contact Plating	PCB Thickness	Stock No.	Price Each
87705-0021	240	Forklock	15µ" Gold	1.60 mm	60M2958	7.12
● 87705-1021	240	Forklock	15µ" Gold	2.40 mm	59J1540	5.49
● 87705-1051	240	Forklock	30µ" Gold	2.40 mm	63M5046	8.03
● 87705-7405	240	Metal Pin	15µ" Gold	3.00 mm	07P6364	8.41

**87749 SERIES DDR2 DIMM SOCKETS - VERTICAL PRESS-FIT**

● 87746-9001	240	Metal Pin	15µ" Gold	1.60 mm	07P6365	12.90
● 87746-9011	240	Metal Pin	30µ" Gold	1.60 mm	07P6366	10.54

**87966 SERIES DDR2 DIMM SOCKETS - VERTICAL SURFACE MOUNT**

● 87966-0001	240	Forklock	30µ" Gold	...	07P6370	10.36
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**87803 AND 87919 SERIES DDR2 DIMM SOCKETS - RIGHT ANGLE THROUGH HOLE, WITH FORKLLOCKS**

Mfg. Part No.	Circuits	Entry	Contact Plating	PCB Thickness	Stock No.	Price Each
● 87803-0002	240	25° Angle	15µ" Gold	1.60 mm	07P6367	8.57
● 87803-0112	240	25° Angle	30µ" Gold	2.40 mm	07P6368	20.11
● 87919-0011	240	25° Reverse Angle	30µ" Gold	2.40 mm	07P6369	12.76

**78065 SERIES DDR2 DIMM SOCKETS - VERTICAL THROUGH HOLE**

● 78065-8001	240	Top Entry	30µ" Gold	3.60 mm	98P0411	9.77
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**87916 SERIES DDR2 DIMM SOCKETS - RIGHT-ANGLE THROUGH HOLE**

● 87916-0111	240	22.5°	30µ" Gold	3.20 mm	98P0428	18.25
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(106412)

**0.60mm (.024") miniDIMM SOCKETS**

Just Added



Surface mount compatible, 0.60" center mini-DIMM (Dual In-line Memory Module) sockets with polarization keys to insure proper module insertion. Ergonomic plastic latches provide excellent module retention and easy ejection. Sockets also include polarizing posts to orient the socket on the PC board. 1.8V key. Current max., 0.5A, except 87918 1.0A. Voltage max., 100V, except 87918 30V. Contacts: copper with 30u gold plating.



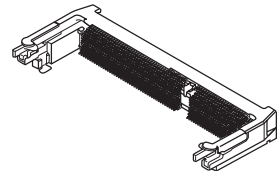
Mfg. Part No.	Circuits	Voltage Key	Type	Stock No.	Price Each	
					1-9	
● 78001-1200	200	1.8 V	Reverse Right Angle	84K7548		22.75
● 87782-2201	200	1.8 V	Vertical	84K7552		21.88
● 87782-2202	200	2.5 V	Vertical	64M0395		21.88
● 87783-0201	200	1.8 V	22.5° Angle SMT	84K7554		22.75
● 87918-0201	200	1.8 V	Right Angle	84K7556		22.75
● 78001-1244	244	1.8 V	Reverse Right Angle	84K7549		23.30
● 87782-2001	244	1.8 V	Vertical	84K7551		22.23
● 87783-0001	244	1.8 V	22.5° Angle SMT	84K7553		23.30
● 87918-0001	244	1.8 V	Right Angle	84K7555		23.30

(88569)

**0.031" (0.80) PITCH SGRAM SOCKETS**



Surface mount right-angle SGRAM socket accepts JEDEC standard SDRAM modules. Plastic latch prevents scratching of module, while metal anti-overstress feature protects latch from bending too far. Front solder tabs provide secure PC board hold-down. Insulation resistance: 1000MΩ. Voltage: 100V. Current: 0.3A. White glass-filled LCP housing, rated UL94V-0. Phosphor bronze contacts plated gold-over-nickel in contact area. Operating temperature: -55°C to +85°C.



Mfg. Part No.	Circuits	Contact Resistance	Power Supply	Stock No.	Price Each	
					1-9	10-24
54189-1440	144	70mΩ	3.3V	57H5918	5.80	5.52

(75713)

**Designing a power supply?**  
See our huge selection of bench & module voltage regulators in this catalog and online.

(148860)

3



SOCKETS – MEMORY • SOCKETS – SPRING

SIM CARD CONNECTORS



- Voltage: 5V
- Current: 10 mA
- Housing: Liquid Crystal Polymer
- Contact: Gold plated Phosphor Bronze
- Temperature Range: -30°C to +85°C

Just Added

91228 SERIES SIM SOCKETS WITH CARD HOLDER & PUSH BUTTON EJECTOR

Mfg. Part No.	Circuits	Plating	Stock No.	Price Each	
				1-9	10-99
● 91228-3001	8	SIM Card Socket w/Yellow Pushbutton	47M0547	4.04	3.65
● 91228-3002	8	SIM Card Socket w/Black Pushbutton	07P6371	4.04	3.65
● 47023-0001	8	SIM Card Socket w/Hinged Cover	73K0821	1.32	1.19

94304 SERIES SMARTCARD CONNECTOR

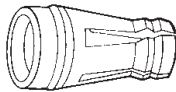
● 94304-0108	8	SmartCard Socket with N.O Switch	07P6372	3.46	3.13
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(136226)

AMP HOLTITE® SOLDERLESS SOCKETS



- Zero-Profile Sockets
- Beryllium Copper Contacts
- Board Thickness: 0.030"



Solderless press-fit into the plated through-hole of printed wiring boards. Gold plated 0.000030" per MIL-P-81728 over nickel per QQ-N-290.

Mfg. Part No.	Lead Size	Stock No.	Price Each	
			1-9	10-99
● 8134-HC-5P2	0.016"- 0.021"	14F2869		0.18
● 8134-HC-6P2	0.020"- 0.030"	23C1656		0.44
● 8134-HC-8P2	0.025"- 0.035"	14F2871		0.45
● 8134-HC-12P2	0.035"- 0.045"	01F8722		0.48

(4723)

AMP MINIATURE SPRING SOCKETS



- Copper Contact Sleeve
- Beryllium Copper Spring
- For Mass Production Application
- Hand/Semi-Automatic Insertion Method



SERIES 1

Mfg. Part No.	Flat Bottom Design	Spring Finish	Sleeve Finish	Stock No.	Price Each	
					1-9	10-24
● 50935	Closed	Gold	Gold Flash	52F4518	0.59	0.56
● 5050935-2	Closed	Tin	Tin	42K6955	0.43	0.41
● 2-330808-8	Closed	Gold	Gold	93F6981	0.52	0.42
● 2-5330808-7	Closed	Tin	Tin	16M2847	0.41	0.39
● 2-332095-1	Closed	Gold	Gold	33B6592	0.57	0.46
● 3-330808-8	Knockout	Gold	Gold	95F1398	0.65	0.53

SERIES 2

● 50863-4	Closed	Gold	Gold	33B9497	0.66	0.53
● 5050863-5	Closed	Gold	Tin	05M3445	0.49	0.39
● 5050863-8	Closed	Tin	Tin	42K6948	0.39	0.37
● 2-5331272-7	Closed	Gold	Tin	42K8666	0.44	0.42
● 2-5331272-5	Closed	Tin	Tin	16M2848	0.43	0.41
● 5050462-8	Closed	Gold	Tin	16M3179	0.57	0.54
● 3-5331272-5	Knockout	Gold	Tin	16M2903	0.56	0.53

SERIES 4

● 50865	Closed	Gold	Gold Flash	88F5362	1.03	0.97
● 5050865-5	Closed	Gold	Tin	83K8411	0.58	0.54
● 5050865-8	Closed	Tin	Tin	42K6951	0.37	0.33

SERIES 5

● 5050871-1	Open	Gold	Tin	42K6952	0.56	0.53
● 5050871-5	Closed	Gold	Tin	42K6953	0.55	0.44
● 5050871-8	Closed	Tin	Tin	42K6954	0.46	0.37
● 2-5050871-3	Closed	Gold	Tin	42K6812	0.55	0.44

(62078)

Designing an embedded control system? See our huge selection of MCUs, MPUs & DSPs in this catalog and online.

(148861)

PC BOARD SOCKETS



- Compatible with Ø0.50mm, Ø0.80mm, and Ø1.00mm mating pins
- Suitable for a variety of mating pin lengths.
- Gold contacts inside tin shell

PC BOARD SOCKETS FOR 0.5mm PINS

Mfg. Part No.	Contact Depth	Max Pin Length	Mounting Hole (mm)	Mating Pin Size (mm)	Stock No.	Price Each
						1-49
● H3153-01	2.30 mm	3.15 mm	1.00/1.10	0.46-0.51	82H2135	0.18
● H3155-01	2.30 mm	3.15 mm	1.00/1.10	0.46-0.51	55K6309	0.19
● H3190-01	2.30 mm	2.40 mm	1.00/1.10	0.46-0.51	55K6332	0.25
● H3191-01	2.30 mm	4.70 mm	1.00/1.10	0.46-0.51	55K6335	0.31
● H8501-01	2.30 mm	3.15 mm	1.00/1.10	0.46-0.51	55K6351	0.38

PC BOARD SOCKETS FOR 0.8mm PINS

● H8502-01	4.20 mm	4.50 mm	1.91/1.96	0.75-0.85	55K6354	0.30
● H8505-01	3.30 mm	4.85 mm	1.91/1.96	0.75-0.85	55K6359	0.41
● H3192-01	4.20 mm	4.35 mm	1.91/2.01	0.75-0.85	55K6338	0.32

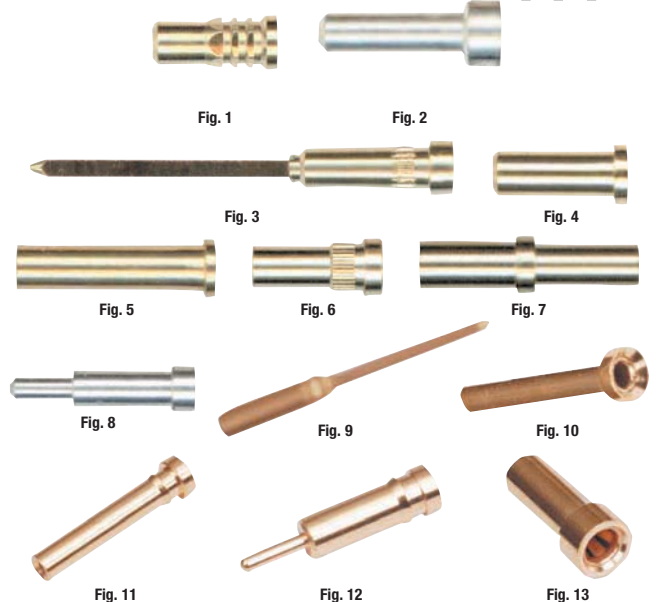
PC BOARD SOCKETS FOR 1.00mm PINS

● H3161-01	3.90 mm	4.60 mm	1.91/1.96	0.90-1.05	55K6312	0.15
● H3165-01	3.90 mm	4.85 mm	1.91/1.96	0.90-1.05	01J2150	0.30
● H3167-01	4.84 mm	4.90 mm	2.19/2.24	0.90-1.05	55K6316	0.42
● H3169-01	3.90 mm	Open	2.19/2.24	0.90-1.05	28K1491	0.41
● H3182-01	3.90 mm	4.85 mm	1.91/2.01	0.90-1.05	88H2996	0.29
● H3183-01	3.90 mm	4.70 mm	1.91/2.01	0.90-1.05	26H3483	0.25
● H3184-01	3.90 mm	5.29 mm	2.19/2.24	0.90-1.05	55K6328	0.37
● H3185-01	3.65 mm	Open	2.19/2.24	0.90-1.05	55K6330	0.34
● H3194-01	4.10 mm	4.50 mm	2.37/2.47	0.90-1.05	73J7736	1.47

(113076)

PIN RECEPTACLES

Just Added



- Precision machined brass shell
- RoHS compliant shell plating: 10µ" gold over nickel
- Non-RoSH shell plating: 200µ" tin/lead over nickel
- Beryllium copper multi-finger spring contact: 30µ" gold over nickel plated

Mfg. Part No.	Fig.	Pin Diameter (in.)	Mtg. Hole (in.)	Length (in.)	Stock No.	Price Each
● 0553-2-15-15-11-27-10-0	1	.015-.020	0.041	0.170	86C2890	0.38
0553-2-15-01-11-27-10-0	1	.015-.020	0.041	0.170	32M5987	0.22

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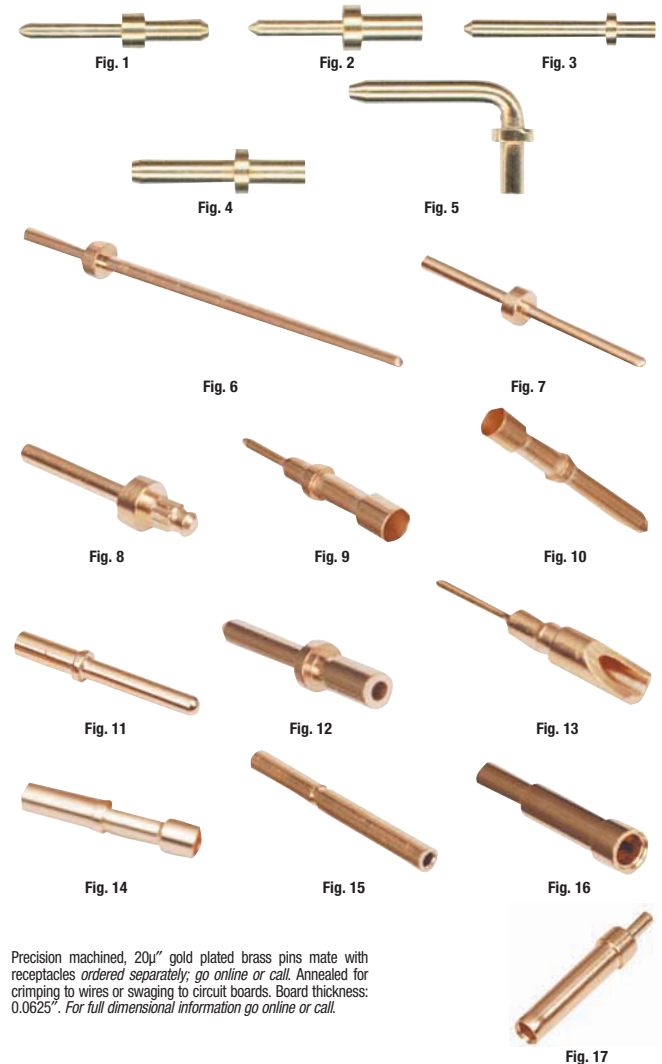
SOCKETS – SPRING

PIN RECEPTACLES (CONT.)

Mfg. Part No.	Fig.	Pin Diameter (in.)	Mtg. Hole (In.)	Length (In.)	Stock No.	Price Each 1-99
0328-0-15-01-34-27-10-0	1	.032-.046	0.079	0.206	<a href="#">21M8859</a>	0.35
● 0328-0-15-80-34-27-10-0	1	.032-.046	0.079	0.206	<a href="#">84K4716</a>	1.87
● 0328-0-15-15-34-27-10-0	1	.032-.046	0.079	0.206	<a href="#">86C2229</a>	0.40
0552-1-15-01-11-27-10-0	2	.015-.020	0.040	0.136	<a href="#">20M6729</a>	0.12
● 0552-1-15-80-11-27-10-0	2	.015-.020	0.040	0.136	<a href="#">84K4970</a>	1.74
● 0552-1-15-15-11-27-10-0	2	.015-.020	0.040	0.136	<a href="#">19C2507</a>	0.28
● 0552-2-15-15-11-27-10-0	2	.015-.020	0.040	0.170	<a href="#">06M6719</a>	0.15
0552-2-15-01-11-27-10-0	2	.015-.020	0.040	0.170	<a href="#">31M8392</a>	0.12
● 0552-2-15-80-11-27-10-0	2	.015-.020	0.040	0.170	<a href="#">84K4974</a>	1.74
● 0548-0-15-15-11-27-10-0	2	.015-.020	0.036	0.155	<a href="#">12J5077</a>	0.32
0292-0-15-01-06-27-10-0	2	.022-.032	0.071	0.250	<a href="#">87K6614</a>	0.30
● 0292-0-15-15-06-27-10-0	2	.022-.032	0.071	0.250	<a href="#">84K4627</a>	0.49
● 0039-2-17-15-30-27-02-0	3	.015-.025	0.055	0.360	<a href="#">86C1741</a>	0.44
0555-0-15-01-30-27-10-0	4	.015-.025	0.053	0.160	<a href="#">23K7801</a>	0.34
● 0555-0-15-15-30-27-10-0	4	.015-.025	0.053	0.160	<a href="#">87K7521</a>	0.38
0314-0-15-01-34-27-10-0	4	.032-.046	0.087	0.236	<a href="#">35M5117</a>	0.37
● 0314-0-15-80-34-27-10-0	4	.032-.046	0.087	0.236	<a href="#">84K4668</a>	1.95
0327-0-15-01-34-27-10-0	4	.032-.046	0.075	0.206	<a href="#">26H5985</a>	0.30
● 0327-0-15-15-34-27-10-0	4	.032-.046	0.075	0.206	<a href="#">86C2226</a>	0.38
0331-0-15-01-18-27-10-0	4	.037-.043	0.071	0.150	<a href="#">98H2181</a>	0.31
● 0331-0-15-80-18-27-10-0	4	.037-.043	0.071	0.150	<a href="#">84K4722</a>	1.82
● 0331-0-15-15-18-27-10-0	4	.037-.043	0.071	0.150	<a href="#">06M6718</a>	0.37
0355-0-15-01-02-27-10-0	4	.040-.050	0.102	0.290	<a href="#">07C9234</a>	0.43
● 0355-0-15-80-02-27-10-0	4	.040-.050	0.102	0.290	<a href="#">84K4766</a>	2.01
● 0355-0-15-15-02-27-10-0	4	.040-.050	0.102	0.290	<a href="#">86C2345</a>	0.63
0364-0-15-01-13-27-10-0	4	.048-.064	0.100	0.213	<a href="#">23M9630</a>	0.49
● 0364-0-15-80-13-27-10-0	4	.048-.064	0.100	0.213	<a href="#">84K4788</a>	2.12
● 0364-0-15-15-13-27-10-0	4	.048-.064	0.100	0.213	<a href="#">84K4787</a>	0.55
● 0390-0-15-15-08-27-10-0	4	.084-.102	0.144	0.465	<a href="#">86C2483</a>	3.99
0667-0-15-01-30-27-10-0	5	.015-.025	0.057	0.161	<a href="#">23K7802</a>	0.14
● 0667-0-15-15-30-27-10-0	5	.015-.025	0.057	0.161	<a href="#">31C0958</a>	0.19
● 0677-0-15-15-30-27-10-0	5	.015-.025	0.051	0.248	<a href="#">84K5054</a>	0.33
0295-0-15-01-06-27-10-0	5	.022-.032	0.063	0.259	<a href="#">21M6428</a>	0.32
● 0295-0-15-80-06-27-10-0	5	.022-.032	0.063	0.259	<a href="#">84K4633</a>	1.83
● 0295-0-15-15-06-27-10-0	5	.022-.032	0.063	0.259	<a href="#">86C2022</a>	0.54
● 0314-0-15-15-34-27-10-0	5	.032-.046	0.087	0.236	<a href="#">06M6717</a>	0.51
0316-0-15-01-34-27-10-0	5	.032-.046	0.087	0.236	<a href="#">32M5986</a>	0.53
● 0316-0-15-15-34-27-10-0	5	.032-.046	0.087	0.236	<a href="#">86C2118</a>	0.60
0360-0-15-01-34-27-10-0	6	.032-.046	0.090	0.250	<a href="#">79J5878</a>	0.51
● 0360-0-15-15-34-27-10-0	6	.032-.046	0.090	0.250	<a href="#">86C2364</a>	0.63
0368-0-33-01-13-27-10-0	7	.048-.064	...	0.530	<a href="#">23K7799</a>	1.17
● 0368-0-33-15-13-27-10-0	8	.025-.037	...	0.530	<a href="#">86C2400</a>	1.45
● 0300-1-15-15-47-27-10-0	8	.025-.037	0.042	0.110	<a href="#">87K7520</a>	0.54
● 8210-0-15-15-04-27-04-0	9	.008-.013	0.024/0.027	0.250	<a href="#">82H1581</a>	1.61
● 8579-1-15-15-11-27-10-0	10	.015-.022	0.040	0.295	<a href="#">63H1720</a>	0.36
● 8579-0-15-15-11-27-10-0	10	.015-.022	0.040	0.234	<a href="#">63H1709</a>	0.35
● 0303-0-19-15-16-27-10-0	11	.022-.034	0.067	0.352	<a href="#">18C1748</a>	0.71
● 0405-0-15-15-34-27-04-0	12	.032-.046	0.084	0.375	<a href="#">88F6300</a>	0.48
● 0305-0-15-15-47-27-10-0	...	.025-.037	0.059	0.095	<a href="#">27C5734</a>	0.59
● 0305-1-15-15-47-27-10-0	...	.025-.037	0.059	0.105	<a href="#">39C5331</a>	0.59
● 0305-2-15-15-47-27-10-0	...	.025-.037	0.059	0.155	<a href="#">86C2079</a>	0.43
● 3520-0-15-15-18-27-10-0	...	.037-.043	0.070	0.095	<a href="#">63H0294</a>	0.60

(4712)

PRINTED CIRCUIT PINS



Precision machined, 20µ" gold plated brass pins mate with receptacles ordered separately; go online or call. Annealed for crimping to wires or swaging to circuit boards. Board thickness: 0.0625". For full dimensional information go online or call.

PC SWAGE MOUNT PINS

Mfg. Part No.	Fig.	Dia.	Length	Stock No.	Price Each 1-99
● 3117-2-00-21-00-00-08-0	1	.024"	.291"	<a href="#">61H8699</a>	0.22
● 3103-2-00-21-00-00-08-0	3	.040"	.402"	<a href="#">87H9360</a>	0.19
● 3222-2-00-21-00-00-08-0	4	.040"	.252"	<a href="#">88H3168</a>	0.41

PC SOLDER MOUNT PINS

● 3128-2-00-15-00-00-08-0	6	.020"	.545"	<a href="#">86C5706</a>	0.13
● 9081-0-00-15-00-00-08-0	7	.020"	.295"	<a href="#">96B5833</a>	0.17

PC PRESS FIT MOUNT PINS

● 3157-0-00-15-00-00-03-0	8	.018"	.190"	<a href="#">97F7177</a>	0.07
● 3603-0-07-21-00-00-08-0	9	.040"	.588"	<a href="#">89K2198</a>	0.88
● 3601-1-07-21-00-00-08-0	10	.080"	.506"	<a href="#">98M0086</a>	0.87
● 3601-2-07-21-00-00-08-0	10	.080"	.681"	<a href="#">86C6307</a>	1.00
● 3601-3-07-21-00-00-08-0	10	.080"	.700"	<a href="#">86C6311</a>	1.10

18 GAUGE CRIMP BARREL PINS

● 0520-0-00-21-00-00-03-0	11	.080"	.740"	<a href="#">86C2825</a>	1.01
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16 GAUGE CRIMP BARREL PINS

● 3609-1-07-21-00-00-08-0	11	.080"	.496"	<a href="#">86C6324</a>	0.98
● 3609-2-07-21-00-00-08-0	11	.080"	.671"	<a href="#">86C6329</a>	1.17
● 3609-3-07-21-00-00-08-0	11	.080"	.796"	<a href="#">86C6334</a>	1.31

WIRE TERMINATION PIN

● 3139-0-00-21-00-00-08-0	12	.049"	.430"	<a href="#">86C5848</a>	0.41
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WIRE TERMINATION PIN

● 0275-0-01-15-00-00-03-0	13	.020"	.491"	<a href="#">86C1956</a>	0.50
● 8000-0-01-15-00-00-03-0	13	.020"	.417"	<a href="#">92B4562</a>	0.30

▶ CONTINUED ▶



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(148829)

SOCKETS – SPRING • SOCKETS – COMPONENT • MEMORY CARD CONNECTORS

PRINTED CIRCUIT PINS (CONT.)

20 GAUGE CRIMP PIN RECEPTACLES

Mfg. Part No.	Fig.	Dia.	Length	Stock No.	Price Each
					1-99
● 0348-0-33-15-34-27-10-0	14	.032-.046"	1.530"	64M7341	1.17

18 GAUGE CRIMP PIN RECEPTACLES

● 0306-0-19-15-16-27-10-0	15	.022-.034"	.665"	86C2084	1.17
● 0370-0-19-15-07-27-10-0	16	.065-.082"	.690"	86C2405	1.73

WIRE TERMINATION PIN RECEPTACLES

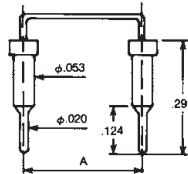
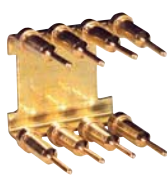
● 8730-0-19-15-23-27-10-0	17	.045-.065"	.630"	86C7058	1.38
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(4713)

SOCKET PIN TERMINALS WITH DISPOSABLE CARRIER ASSEMBLIES



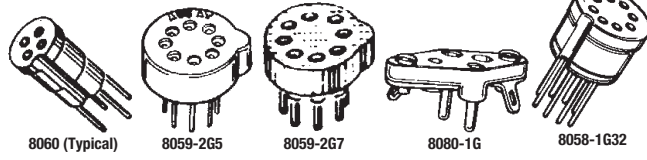
PTCA series pin terminal carrier assembly sockets are based on the very high specific pressure (VHSP) contact system. Heat-treated, four-finger contacts are gold-plated beryllium copper. Drilling low-profile board enables the contacts to be inserted down the shoulder and leaves 0.030" (0.762) maximum profile above board. Closed bottom pin protects from wicking and flux contamination. Meets severe environmental requirements of high shock and vibration. Permits maximum air circulation under ICs and eliminates head entrapment under the insulator. Air-cooled. Throw-away metal carrier eases installation.



Mfg. Part No.	Pins	Dimension A	Stock No.	Price Each	
				1-9	10-99
● SPC15506	8	0.300"	82K7794	0.46	0.46
● SPC15507	14	0.300"	82K7795	2.38	2.21
● SPC15508	16	0.300"	82K7796	2.68	2.49
● SPC15509	24	0.600"	82K7797	4.02	3.73
● SPC15510	40	0.600"	82K7798	6.55	6.08

(4573)

AMP TRANSISTOR AND IC SOCKETS



8060 series has pin circle diameter of 0.100" (2.54); 8058 series 0.200" (5.08) diameter. Teflon® insulator. Two-piece machine socket terminal; gold plated brass outer sleeve and gold plated beryllium copper contacts. 8080-1G series TO-3 power transistor sockets come with one or two solder lugs. Beryllium copper contacts with electro-tin plating and black phenolic insulator (Ph/Et), or silver plating with green diallyl phthalate insulator (Dp/SL), or 30µ" gold plating and black phenolic insulator (Ph/GL). 8059 series TO-5 transistor and IC sockets are ultra-low profile with glass-filled polyamide nylon insulator, rated UL94V-0. Gold or tin/lead plated beryllium copper contacts. All have 0.255" diameter, except 8058-1G23, 8058-1G49 and 8058-1G32 which have 0.406" diameter.

8058, 8060 SERIES MINIATURE SOCKETS—PC TERMINALS

Mfg. Part No.	Contacts	Height	Stock No.	Price Each	
				1-9	10-99
● 8058-1G23	3	0.290"	65F1648	6.29	
● 8058-1G49	8	0.572"	50F1730	12.27	
● 8058-1G32	8	0.585"	89F606	16.79	
● 8060-1G3	3	0.310"	65F1868	6.84	
● 8060-1G4	4	0.195"	65F1869	7.84	
● 8060-1G5	3	0.350"	65F1860	11.60	
● 8060-1G7	3	0.577"	65F1866	8.70	
● 8060-1G11	3	0.570"	65F1864	5.62	

8080-1G SERIES TO-3 POWER TRANSISTOR SOCKETS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-99
● 1G1 PB-FREE	Ph/ET/2 Lugs	16M2700	18.19	
● 6-1437504-5	Ph/ET/1 Lug	73K4026	21.47	
● 5-6437504-0	Ph/GL/2 Lugs	16M3176	11.96	
8080-1G7	DP/SL/1 Lug	65F1874	11.64	

(4742)

COMPACTFLASH™ CARD HEADER



- Compatible with both CompactFlash Type I and Type II cards
- Meets CFA standards
- Polarization options for top or bottom boardmount
- Extended guide rails enable accurate and easy card insertion
- Guide rail ESD clip contacts board ground pads
- Optional 2mm board standoff enables board population
- Single row solder tails with 0.635mm spacing
- 30µin gold plating



31.60mm HEADER—ACCEPTS EJECTOR

Mfg. Part No.	Style	Standoff	Stock No.	Price Each	
				1-24	10-99
● N7E50-M516RB-40-WF	Standard	None	93K6316	4.53	
● N7E50-M516RB-50-WF	Standard	2mm	93K6317	4.53	
● N7E50-N516RB-40-WF	Inverse	None	93K6318	4.71	
● N7E50-N516RB-50-WF	Inverse	2mm	93K6319	4.29	

18.70mm HEADER—EJECTOR NOT ACCEPTED

● N7E50-Q516RB-50-WF	Standard	2mm	93K6320	4.42
● N7E50-R516RB-50-WF	Inverse	2mm	93K6321	4.60

EJECTOR

\*CompactFlash is a trademark of SanDisk Corp

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	10-99
● 7E50-B316-04	Right-angle ejector	21K3610	1.33	

(84752)

AMP COMPACT FLASH CARD CONNECTORS



- Meets CompactFlash Association Specifications
- Proven PCMCIA contact technology
- Accepts hardware for mechanical mounting
- 50-position Card Connector



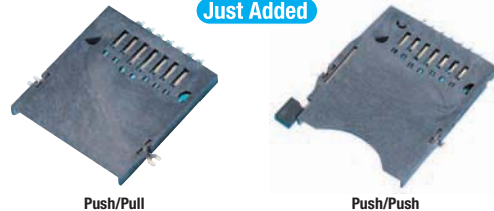
CompactFlash headers can accept Type I and/or Type II card thickness. Available in both vertical or right angle mount, and flush or raised mounting heights.

VERTICAL, DOUBLE ROW, 0.050" CENTERLINES

Mfg. Part No.	Plating	Mounting Type	Height	Card Types	Stock No.	Price Each	
						1-9	10-24
● 5120615-1	Gold	PCB Right Angle Surface Mount	5.2	I only	42K7003	7.19	6.79
● 1734448-1*	Gold	PCB Straight Surface Mount	6.3	I and II	73K1616	6.71	6.34
● 1734449-1*	Gold	PCB Straight Surface Mount	6.3	I and II	73K1617	9.12	8.61
● 1734450-1*	Gold	PCB Straight Surface Mount	8.5	I and II	16M2769	6.27	4.60
● 1734451-1	Gold	PCB Straight Surface Mount	4.0	I and II	73K1618	7.39	6.97
● 5788667-1	Gold	PCB Right Angle Surface Mount	5.2	I and II	42K7587	5.68	5.36
● 5788643-1	Gold	PCB Straight Surface Mount	14	I and II	53K0566	4.89	4.43
● 146839-3	Gold	PCB Straight Surface Mount	14	I only	16M2716	5.36	4.84

\* Accepts snap-on ejector below. (79975)

AMP SD MEMORY CARD CONNECTORS



- Voltage rating: 100VAC
- Current rating: 0.5A
- Operating temperature: -25°C to 90°C

- Mating force: 40N
- Un-mating force: 2N

SD memory cards stores digital files without requiring a computer. Three different connector configuration sizes including: Standard, mini, and micro, available with push/push and push/pull mating.

➔ CONTINUED ➔

MEMORY CARD CONNECTORS

AMP SD MEMORY CARD CONNECTORS (CONT.)

SD MEMORY CARD CONNECTORS

Mfg. Part No.	Operating Function	Mounting	Polarizing Post Length (mm)	Packaging	Stock No.	Price Each	
						1-24	25-99
1734234-1	Push-On/Pull-Off	Top PC Board	.85	Tray	39M4078	2.83	1.93

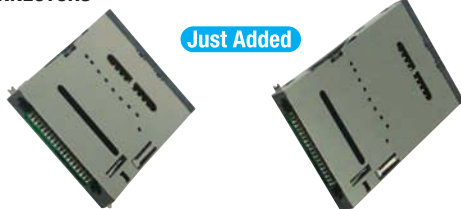
MICRO SD MEMORY CARD CONNECTORS

1871602-1	Push-On/Push-Off	Top PC Board	.45	Tape & Reel	14P9257	4.68	3.19
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4-IN-1 (MS/SD/MMC/xD) PUSH-PUSH MEMORY CARD CONNECTORS



Amphenol Commercial Products



Just Added

PCB, Normal, Uneven

PCB, Normal, Even

- Housing: High temperature thermoplastic, UL94V-0 rated
- Contact: Gold plated copper alloy; Tin on solder tails
- Voltage Rating: 250 VAC
- Current Rating: 0.5A per contact
- Dielectric Strength: 500 VAC initial and 250 VAC final for one minute
- Insulation Resistance: 1000 Mohm min at 250 VDC
- Contact Resistance: 100 mohm max
- Durability: 10000cycles
- Operating Temperature: -20°C - +60°C

4-in-1 Combo sockets help bring traces of all contact sets to one common output terminal at the back of the connector, allowing for simple board design and coplanarity control. Even card position designs allows cards to end at same distance from the connectors edge.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
101-00295-68	No PCB, Normal, Even	40P2494	5.81	4.52
101-00412-68	PCB, Normal, Uneven	40P2509	11.24	8.74
101-00413-68	PCB, Reverse, Uneven	40P2510	11.24	8.74
101-00414-68	PCB, Normal, Even	40P2511	13.36	10.38
101-00415-68	PCB, Reverse, Even	40P2512	13.36	10.38

(139104)

SIM CONNECTORS



Amphenol Commercial Products



Just Added

Normal, with Switch

Reverse, with Switch

- Housing: High temperature thermoplastic, UL94V-0 rated
- Contact: Gold plated copper alloy, Tin on solder tails
- Cover: Stainless Steel SUS304
- Voltage Rating: 100 VAC
- Current Rating: 0.5 A per contact
- Dielectric Strength: 500 VAC initial and 250 VAC final for one minute
- Insulation Resistance: 500 Mohm min at 500 VDC
- Contact Resistance: 50 mohm max at 100 mA
- Durability: 5000 cycles
- Operating Temperature: -25°C - +85°C

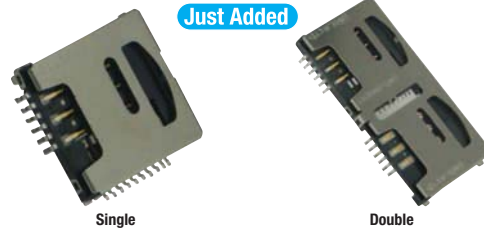
Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	25-49
101-00269-68	6	Normal, No Switch	40P2489	2.87	2.51
101-00306-68	6	Normal, with Switch	40P2496	3.18	2.78
101-00586-68	6	Normal, with Switch, High Profile	40P2518	2.85	2.49
101-00270-68	6	Reverse, No Switch	40P2490	2.87	2.51
101-00365-68	6	Reverse, with Switch	40P2504	3.04	2.65
101-00309-68	8	Normal, No Switch	40P2497	2.94	2.57
101-00271-68	8	Normal, with Switch	40P2491	3.18	2.78
101-00364-68	8	Reverse, No Switch	40P2503	3.11	2.72
101-00272-68	8	Reverse, with Switch	40P2492	3.20	2.80

(139101)

SIM & MICRO SD COMBO CONNECTORS



Amphenol Commercial Products



Just Added

Single

Double

- Housing: High temperature thermoplastic, UL94V-0 rated
- Contact: Gold plated copper alloy, Tin on solder tails
- Cover: Stainless Steel SUS304
- Voltage Rating: 100 VAC
- Current Rating: 0.5A per contact
- Dielectric Strength: 500 VAC initial and 250 VAC final for one minute
- Insulation Resistance: 1000 Mohm min at 500 VDC
- Contact Resistance: 100 mohm max at 100 mA
- Durability: 5000 cycles
- Operating Temperature: -25°C - +70°C

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
101-00294-68	SIM Push-Pull Micro SD Push Push	40P2493	4.95	3.85
101-00318-68	SIM Push-Pull Micro SD Push Push	40P2499	4.95	3.85
101-00347-68	SIM Push-Pull Micro SD Push Push	40P2500	4.95	3.85
101-00359-68	2 SIM Push-Pull Micro SD Push Push	40P2502	6.19	4.81
101-00492-68	SIM Hinged Micro SD Hinged	40P2513	8.05	6.26

(139100)

SD MEMORY CARD ADAPTERS



Amphenol Commercial Products



Just Added

mini-SD to SD Adapter

mini-SD to SD Adapter

micro-SD to mini-SD Adapter

- Housing: High temperature thermoplastic, UL94V-0 rated.
- Contact: Copper alloy
- Latch: Stainless steel SUS304
- Voltage Rating: 100 VAC
- Current Rating: 1 A per contact
- Dielectric Strength: 500 VAC initial and 250 VAC final for one minute
- Operating Temperature: -25°C - +85°C

micro-SD to SD Adapter

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
106-00069-68	mini-SD to SD Adapter	40P2523	2.10	1.63
106-00120-68	mini-SD to SD Adapter	40P2524	2.67	2.08
106-00330-68	micro-SD to mini-SD Adapter	40P2525	1.69	1.32
106-00351-68	micro-SD to SD Adapter	40P2526	2.43	1.89

(139091)

MEMORY STICK (MS) MEMORY CARD CONNECTORS



Amphenol Commercial Products

Just Added



- Materials: Housing: High temperature thermoplastic
- Contact: Gold plated copper alloy
- Current Rating: 1 A
- Voltage Rating: 100 VAC
- Contact Resistance: 100 mohm max
- Insulation Resistance: 1000 Mohm max
- Dielectric Withstanding Voltage: 500 VAC rms
- Operating Temperature: -20°C - +60°C

Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	25-49
101-00042-68	10	Reverse Type	40P2479	4.10	3.19

(139107)

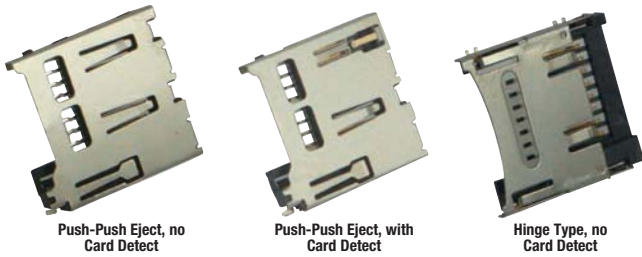
MEMORY CARD CONNECTORS

MICRO SD CONNECTORS



Just Added

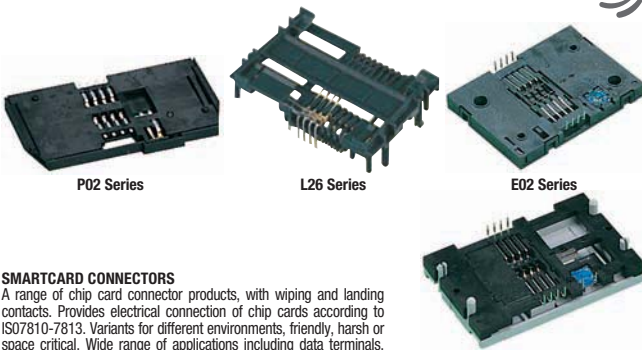
Amphenol Commercial Products



- Materials: Housing: High temperature thermoplastic, UL94V-0 rated
- Contact: Gold plated copper alloy, Tin on solder tails
- Voltage Rating: 100 VAC
- Current Rating: 0.5 A per contact
- Dielectric Strength: 500 VAC initial and 250 VAC final for one minute
- Insulation Resistance: 1000 Mohm min at 500 VDC
- Contact Resistance: 100 mohm max at 100 mA
- Durability: 5000 cycles.
- Operating Temperature: -25°C - +85°C

Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	25-49
● 101-00112-68	8	Push-Push Eject, no Card Detect	40P2480	3.12	2.43
● 101-00139-68	8	Push-Push Eject, with Card Detect	40P2481	1.43	1.11
● 101-00240-68	8	Manual Eject, with Card Detect	40P2487	2.76	2.15
● 101-00303-68	8	Hinge Type, no Card Detect	40P2495	2.43	1.89
● 101-00349-68	8	Push-Push Eject, with Card Detect	40P2501	2.76	2.15
● 101-00581-68	8	Push-Push Eject, with Dual Card Detect	40P2517	2.24	1.74

SMARTCARD CONNECTORS



**SMARTCARD CONNECTORS**  
A range of chip card connector products, with wiping and landing contacts. Provides electrical connection of chip cards according to ISO7810-7813. Variants for different environments, friendly, harsh or space critical. Wide range of applications including data terminals, security, EPOS payment, and metering.

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-49	
● 7312P0225A13LF	8	93K5050	4.28	
● 7334L2625F04LF	8	93K5053	2.12	

SMARTCARD VANDALISM PROOF HARSH ENVIRONMENT CONNECTORS

Sliding, anti-vandalism card readers feature spoon shape contacts and sealed normally open card detection switch.

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-49	
● 7431E0225S01LF	8	93K5061	7.01	
● 7434L1625S13LF	8	62K7665	3.52	
● 7434L0825S01LF	8	93K5062	4.70	
● 7434L0835S01LF	16	62K7664	3.82	

SMARTCARD Z00 SERIES SLIDING PANEL MOUNT CONNECTOR

Panel mounts into the metal chassis, which electrically links to the Printed Circuit Board (PCB) by means of a Flexible Printed Circuit Cable (FPC). Meets the ISO (7810, 7816) and AFNOR UTE 93421. Easy to mount onto the metal panel plate of the equipment allowing great flexibility for design changes and evolutions without the need for main PCB modification. Card detection switch utilizes a self cleaning, wiping blade, normally closed.

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-24	
● 7361Z0001S29LF	8	72K3661	3.40	
● 7361Z0001S42LF	8	72K3664	2.86	

SMARTCARD C04 SERIES SLIDING CONNECTOR

This IC Chip Card connector uses standard "sliding" contact technology and has the option of either 8 or 16 terminal contacts. The contacts mating surface geometry adopt the back of the spoon shape for durability & reliability against vandalism or harsh environment. A special carrier frame is included in the connector. Offers an efficient solution against vandalism due to the design of the mating face. Suits harsh environments (dust, water, variation of temperature). Can be easily integrated into a hybrid card reader, either magnetic stripe or chip.

➔ CONTINUED ➔

SMARTCARD CONNECTORS (CONT.)

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-24	
● 7832C0425X01LF	8	63K0267	2.43	
● 7832C0435X01LF	16	63K0268	2.65	

MEMORY CARD EJECTOR HEADERS



- Conforms to PCMCIA and JEIDA standards
- 10,000 mating cycles when using Berg headers and card kits
- Polarised to prevent incorrect card insertion
- Eject headers provide enhanced ESD protection
- Type III eject headers accepts Type 1, 11 and 111 cards



Mfg. Part No.	Circuits	For Use With	Stock No.	Price Each	
				1-24	
● 72206-100CALF	68	Cardbus	93K5036	17.30	
● 92194-000CALF	136	Type I, II, III	93K5468	23.48	

PCMCIA CONNECTORS



- Complies to PC card and JEIDA standards
- Rugged concept with unique SnapFit latches
- Integrated frame bar within shield
- Designed for automated-or hand assembly



Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-49	
● 10014744-002SLF	68	98K5263	5.49	

0.50" (1.27mm) PITCH COMPACT FLASH CARD CONNECTORS



Just Added

Right-angle, SMT top-mounting Compact Flash card headers feature black glass-filled LCP, UL94V-0 and phosphor-bronze contacts with gold over palladium nickel-plating in the contact area. Tin/lead solder tail areas, nickel underplating. Phosphor bronze, tin/lead over copper-plating solder tabs. Voltage: 100V. Current: 0.5A. Contact resistance: 40mΩ maximum. Dielectric withstanding voltage: 500VAC/ 1 min. Insulation resistance: 1000MΩ minimum. 55244 has high-temperature housing suitable for reflow soldering, in-line SMT tails that protect against damage during assembly. For type I and type II cards. Designed for use with 55246 ejector. 55246 Compact Flash card ejector has left-side flip button. For use with 55244 card header. 67155 has low profile .169" (4.3mm) height. Designed for use with 67114-0001. 53856 has 1.64mm standoff height, dual-row .050" (1.27mm) pitch at card interface and .025" (0.635mm) pitch in-line SMT tails. For use with type I cards. 67130 accepts any PCMC type I, II and III cards and any type I or II cards with ejector mechanism.

FOR TYPE I AND TYPE II CARDS

Mfg. Part No.	Description	Stock No.	Price Each
● 55244-5029	Right Angle, SMT Reverse-Mounting Header	59J0845	18.62
● 53927-5019	Right Angle, SMT Reverse-Mounting Header	25M4624	8.99
● 67155-0002	Low Profile, Right Angle SMT Header	59H1919	7.76
55358-5029	Right Angle, SMT Top Mounting Header	25M4704	9.57
● 55358-5028	Right Angle, SMT Top Mounting Header	59J0856	16.74
● 55359-5078*	Right Angle, SMT Bottom Mounting Header	59J0860	8.24
● 67799-0004	Right Angle, SMT, Flange Type B Receptacle	49M0555	2.35
● 55356-0011	Card Ejector, Left-Side Flip Button	57H6445	8.44
● 55364-0011	Card Ejector, Left-Side Button, Push-Push Type	57H6454	8.85
55365-0011	Card Ejector, Right-Side Button, Push-Push Type	25M4707	28.33

➔ CONTINUED ➔

MEMORY CARD CONNECTORS • CARD EDGE CONNECTORS

0.50" (1.27mm) PITCH COMPACT FLASH CARD CONNECTORS (CONT.)

FOR TYPE I CARDS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	
● 53856-5070	Right Angle, SMT Top-Mounting Header	59J0627	9.21	
● 53856-5078*	Right Angle, SMT Top-Mounting Header	59J0629	15.24	
● 53927-5078*	Right Angle, SMT Reverse-Mounting Header	59J0633	9.21	

\* Embossed Tape on Reel Packaging (69828)

SECURE DIGITAL CARD CONNECTOR

Just Added



Right-angle, 2.50 mm (.098") SMT SD memory card headers have push-push ejection, features black glass-filled LCP, UL 94V-0 and copper alloy contacts with selective gold plating. Voltage: 100 VAC. Current: 0.5 A.

SD MEMORY CARD CONNECTORS WITH PUSH PUSH EJECTORS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	
● 500998-0900	Top Mount, Shielded	73K4169	4.21	
● 54768-0977	Reverse-Mount	59J0773	12.49	
● 54786-0971	Reverse-Mount, Ultra Low Profile	59J0776	14.19	
● 67600-8001	Standard-Mount, Ultra Low Profile, with PCB Locator	07P6352	8.94	
● 67600-8002	Standard Mount, Ultra Low Profile, without PCB Locator	07P6353	8.09	

(88583)

1.00mm (0.039") EXPRESSCARD CONNECTORS

NEW TECHNOLOGY



- Voltage: 3.3V DC
- Current: 0.75A
- Contact Resistance: 40 milliohms max.
- Dielectric Withstanding Voltage: 500V AC
- Insulation Resistance: 100 Megohms min.
- Mating Force: 39.00N

- Unmating Force: 3.70N
- Durability: 10,000 cycles
- Housing: High-temperature thermoplastic, UL 94V-0
- Contact: Gold plated Copper Alloy; Tin on tail area
- Operating Temperature: 0 to +55°C

Compatible with ExpressCard™ standard. Low profile of mounted height: 5.40mm (0.213"). Beveled spring contact design provides secure contact force and mating retention. Polarization shape prevents from mismatching of PCB, Fitting nail design reinforce hold-on to PCB.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 47150-0002	ExpressCard Header, Top Mount, Push-Push Type	07P6347	3.20	
● 47277-0003	ExpressCard Assembly, Top Mount, Push- Push Type Ejector	07P6348	3.86	

(136219)

MINI SD MEMORY CARD CONNECTOR

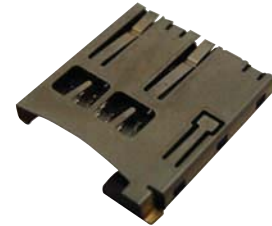


- Contact Resistance: 100 mΩ
- Voltage Rating: 100 VAC
- Current Rating: 0.5A AC/DC max.
- Temperature Range: -25°C to +90°C

Mfg. Part No.	Description	Stock No.	Price Each	
			1-99	
● MDAMF-01101B0T0	Mini SD	74M3136	1.81	

(116616)

MICRO SD CARD CONNECTOR

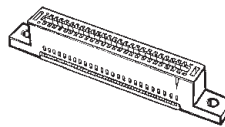


- Contact Resistance: 100 mΩ
- Voltage Rating: 100 VAC
- Current Rating: 0.5A AC/DC max.
- Temperature Range: -25°C to +90°C

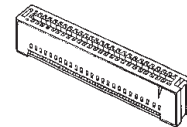
Mfg. Part No.	Description	Stock No.	Price Each	
			1-99	
● TFCMF-20801B0T0	Micro SD	74M4846	1.71	
● AI06X-12401B0T0	6 in 1 Combo	73M8829	2.05	

(116617)

0.100" CARD EDGE CONNECTORS



Drilled Mounting Flanges



Without Flanges

- Bifurcated Copper Alloy Contacts for Reliable PC Board Contact
- 30µ" Gold Plating
- Accommodate 26 AWG and 28 AWG Solid and Stranded Cable
- Reliable Metal Cover Clips

Available with or without flanges. UL recognized, CSA certified. Order strain reliefs separately below.

WITH DRILLED MOUNTING FLANGES

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	
● 3358-0000	10	46F4755	5.27	
● 3461-0000	20	46F4757	6.86	
● 3464-0000	40	46F4760	9.72	
● 3415-0000	50	46F4761	12.07	
● 3666-0000	60	46F4762	13.94	
● 3403-0000	64	46F4763	13.57	

WITHOUT MOUNTING FLANGES

● 3358-0001	10	46F4764	5.27	
● 3368-0001	16	46F4765	6.48	
● 3461-0001	20	46F4766	6.86	
● 3462-0001	26	46F4767	8.32	
● 3463-0001	34	46F4768	8.86	
● 3464-0001	40	46F4769	9.72	
● 3415-0001	50	46F4770	12.07	
● 3403-0001	64	46F4772	13.57	

WITH SLOTTED MOUNTING FLANGES

● 3461-0002	20	46F4775	6.86	
● 3462-0002	26	46F4776	8.32	
● 3415-0002	50	46F4779	12.07	

STRAIN RELIEFS

● 3448-52	10	87F3981	2.52	
● 3448-54	20	87F3983	2.07	
● 3448-55	26	87F3984	8.13	
● 3448-58	50	87F3987	2.18	

(8396)

AMP PCI EXPRESS CARD EDGE CONNECTORS



- RoHS Compliant
- Complies with PCI SIG Specification
- Accommodates Gigabit and 10 Gigabit Ethernet
- Bandwidth Ranges from 500Mbps/second to 64Gbps/second
- 1.00 mm Centerline

Mfg. Part No.	Contacts	Gold Contact Plating (µ")	Stock No.	Price Each	
				1-9	10-24
● 1612163-1	36	5	49H8484	1.06	1.00
● 1-1612163-3	98	5	96H9133	4.21	3.98

▶ CONTINUED ▶