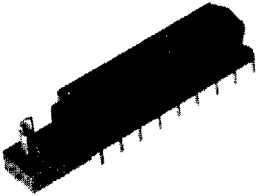
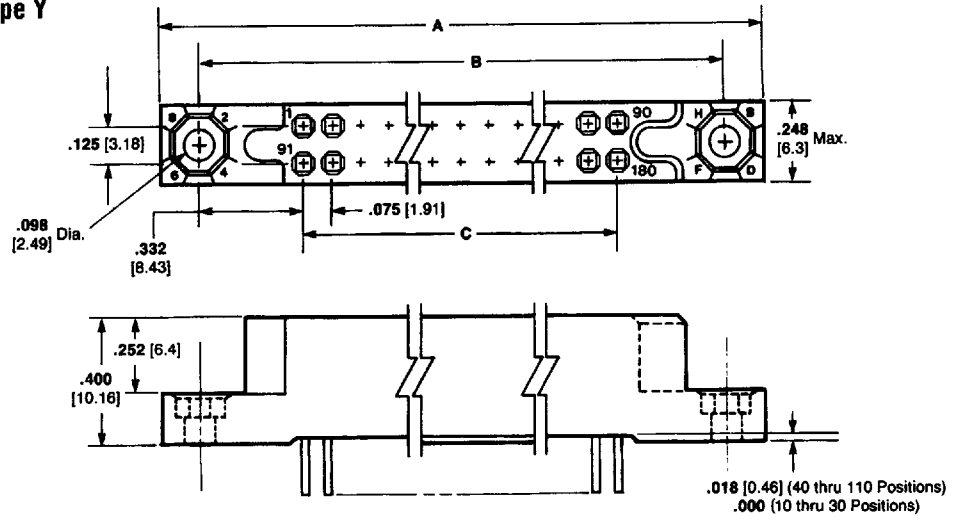
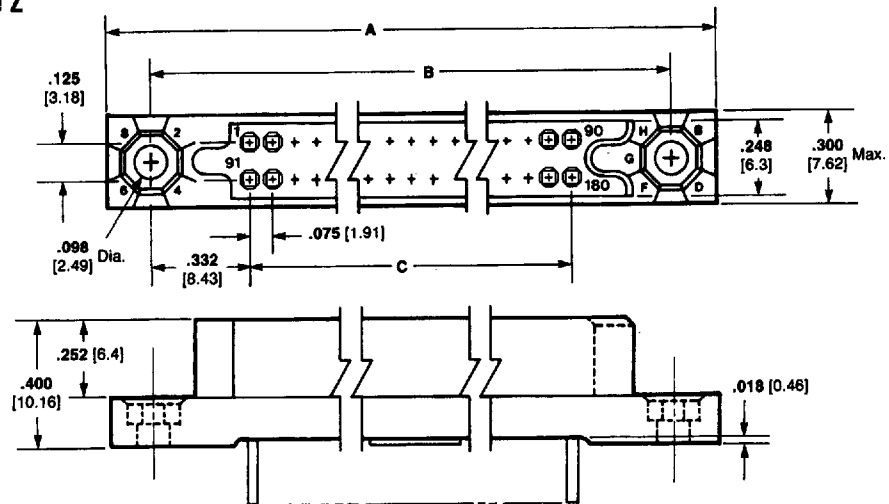
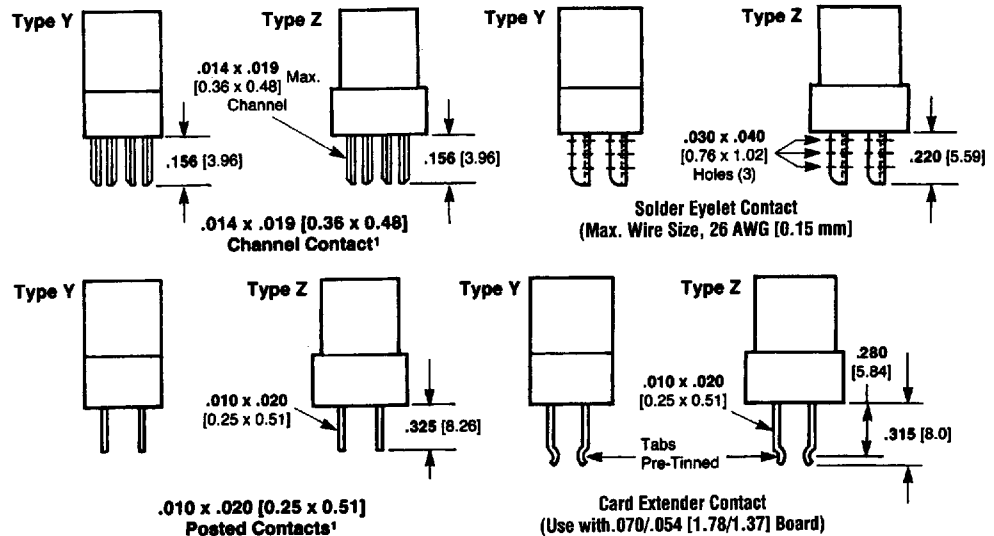


AMP

Box Contact Connectors

Receptacle Assemblies for Flow Soldering**Related Product Data:****Mates with**—Pin Headers,
pages 48 and 49**External Keying**—page 52**Recommended Pc Board Layout**—
page 51**Type Y****Type Z****Contact Styles**

Receptacle Assemblies for Flow Soldering (Continued)

Commercial Receptacle Assemblies

Housing Material—In accordance with MIL-C-55302

Contact Material and Finish—Beryllium copper per QQ-C-533

Channel Contact, Posted Contact and Card Extender Contact—Plated .000030

[0.00076] gold in contact area, .000100 [0.00254] tin-lead on the tails over .00030

[0.00076] nickel on the entire contact.

Solder Eyelet Contact—Plated .000030 [0.00076] gold in the contact area, .000100

[0.00254] tin-lead on the tails over .000030 [0.00076] nickel on the entire contact.

No. of Pos.	Housing Type	Dimensions			.014 x .019 [0.36 x 0.48] Channel Contacts AMP Part No.	Solder Eyelet Contacts AMP Part No.	.010 x .020 [0.25 x 0.51] Posted Contacts AMP Part No.	Card Extender Contacts AMP Part No.
		A	B	C				
180	Z	7.630 193.8	7.340 186.44	6.675 169.55	531813-4	531811-4	531815-4	531817-4
160	Z	6.880 174.75	6.590 167.39	5.925 150.5	531813-3	—	—	531817-3
150	Z	6.505 165.23	6.215 157.86	5.550 140.97	531813-2	—	—	531817-2
120	Z	5.380 136.65	5.090 129.29	4.425 112.4	—	531811-1	531815-1	531817-1
100	Y	4.630 117.6	4.340 110.24	3.675 93.35	—	1-531810-0	—	1-531816-0
80	Y	3.880 98.55	3.590 91.19	2.925 74.3	531812-8	531810-8	—	—
50	Y	2.755 69.98	2.465 62.61	1.800 45.72	531812-5	531810-5	—	531816-5
40	Y	2.380 60.45	2.090 53.09	1.425 36.2	531812-4	531810-4	—	531816-4
30	Y	2.005 50.93	1.715 43.56	1.050 26.67	531812-3	—	—	531816-3
10	Y	1.255 31.88	.965 24.51	.300 7.62	—	—	531814-1	—

Military Receptacle Assemblies

Housing Material—In accordance with MIL-C-55302

Contact Material and Finish—Beryllium copper per QQ-C-533

Channel Contact, Posted Contact and Card Extender Contact—Plated .000050 [0.00127] gold in the contact area, .000100 [0.00254] tin-lead on the tails over .000030

[0.00076] nickel on the entire contact.

Solder Eyelet Contact—Plated .000050 [0.00127] gold in the contact area, .000100 [0.00254] tin-lead on the tails over .000050 [0.00127] nickel on the entire contact.

No. of Pos.	Housing Type	Dimensions			.014 x .019 [0.36 x 0.48] Channel Contacts		Solder Eyelet Contacts		.010 x .020 [0.25 x 0.51] Posted Contacts		Card Extender Contacts	
		A	B	C	MIL-Part No. M55302/	AMP Part No.	MIL-Part No. M55302/	AMP Part No.	MIL-Part No. M55302/	AMP Part No.	MIL-Part No. M55302/	AMP Part No.
180	Z	7.630 193.8	7.340 186.44	6.675 169.55	25-29	531145-4	25-30	531146-4	25-31	531147-4	25-32	531148-4
160	Z	6.880 174.75	6.590 167.39	5.925 150.5	25-25	531145-3	25-26	531146-3	25-27	531147-3	25-28	531148-3
150	Z	6.505 165.23	6.215 157.86	5.550 140.97	25-21	531145-2	25-22	531146-2	25-23	531147-2	25-24	531148-2
120	Z	5.380 136.65	5.090 129.92	4.425 112.4	25-17	531145-1	25-18	531146-1	25-19	531147-1	25-20	531148-1
110	Y	5.005 127.13	4.715 119.76	4.050 102.87	24-85	1-531142-1	24-86	1-531129-1	24-87	1-531143-1	24-88	1-531144-1
100	Y	4.630 117.6	4.340 110.24	3.675 93.35	24-81	1-531142-0	24-82	1-531129-0	24-83	1-531143-0	24-84	1-531144-0
90	Y	4.255 108.08	3.965 100.71	3.300 83.82	24-77	531142-9	24-78	1-531129-2	24-79	531143-9	24-80	531144-9
80	Y	3.880 98.55	3.590 91.19	2.925 74.3	24-73	531142-8	24-74	531129-9	24-75	531143-8	24-76	531144-8
70	Y	3.505 89.03	3.215 81.66	2.550 64.77	24-69	531142-7	24-70	531129-8	24-71	531143-7	24-72	531144-7
60	Y	3.130 79.5	2.840 72.14	2.175 55.25	24-65	531142-6	24-66	531129-7	24-67	531143-6	24-68	531144-6
50	Y	2.755 69.98	2.465 62.61	1.800 45.72	24-61	531142-5	24-62	531129-6	24-63	531143-5	24-64	531144-5
40	Y	2.380 60.45	2.090 53.09	1.425 36.2	24-57	531142-4	24-58	531129-5	24-59	531143-4	24-60	531144-4
30	Y	2.005 50.93	1.715 43.56	1.050 26.67	24-53	531142-3	24-54	531129-4	24-55	531143-3	24-56	531144-3
20	Y	1.630 41.4	1.340 34.04	.675 17.15	24-49	531142-2	24-50	531129-3	24-51	531143-2	24-52	531144-2
10	Y	1.255 31.88	.965 24.51	.300 7.62	24-45	531142-1	24-46	531129-2	24-47	531143-1	24-48	531144-1