

Commercial Receptacle Assemblies

Housing Material — In accordance with MIL-C-55302

Contact Material and Finish — Beryllium copper per MIL-C-55302

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 .000030 [0.00076] nickel on the entire contact.

Solder Eyelet Contact — Plated .000030 [0.00076] gold in contact area, .000100 [0.00254] tin-lead on tails over .000030 [0.00076] nickel on the entire contact.

No. of Pos.	Dimensions			.014 x .019 [0.36 x 0.48] Channel Contacts AMP Part No.	.010 x .020 [0.25 x 0.51] Posted Contacts AMP Part No.	Solder Eyelet Contacts AMP Part No.	Card Extender Contacts AMP Part No.
	A	B	C				
140	7.855 199.52	7.565 192.15	6.900 175.26	1-531832-3	—*	—*	—*
134	7.555 191.90	7.265 184.53	6.600 167.64	—*	—*	1-531833-2	—*
130	7.355 186.82	7.065 179.45	6.400 162.56	—*	—*	—*	—*
120	6.855 174.12	6.565 166.75	5.900 149.86	—*	—*	—*	—*
110	6.355 161.42	6.065 154.05	5.400 137.16	531832-9	—*	—*	531835-9
100	5.855 148.72	5.565 141.35	4.900 124.46	531832-8	—*	—*	—*
90	5.355 136.02	5.065 128.65	4.400 111.76	—*	—*	—*	—*
80	4.855 123.32	4.565 115.95	3.900 99.06	—*	531834-6	—*	—*
70	4.355 110.62	4.065 103.25	3.400 83.36	—*	—*	—*	—*
60	3.855 97.92	3.565 90.55	2.900 73.66	—*	—*	531833-4	—*
50	3.355 85.22	3.065 77.85	2.400 60.96	—*	—*	—*	531835-3
40	2.855 72.52	2.565 65.15	1.900 48.26	—*	—*	—*	—*
30	2.355 59.82	2.065 52.45	1.400 35.56	—*	—*	—*	—*

* Part Numbers available upon request, contact Tyco Electronics.

Military Receptacle Assemblies

Housing Material — In accordance with MIL-C-55302

Contact Material and Finish — Beryllium copper per MIL-C-55302

Channel Contact, Posted Contact and Card Extender Contact — Plated .000050 [0.00127] gold in 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 contact area, in accordance with MIL-C-55302 .000100 [0.00254] tin-lead on tails over .000050 [0.00127] nickel on the entire contact.

No. of Pos.	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.
140	7.855 199.52	7.565 192.15	6.900 175.26	27-193	2-530340-2	27-197	1-530758-3	27-201	1-530776-3	27-229	1-530782-3
134	7.555 191.90	7.265 184.53	6.600 167.64	27-192	2-530340-1	27-196	1-530758-2	27-200	1-530776-2	27-228	1-530782-2
130	7.355 186.82	7.065 179.45	6.400 162.56	27-191	2-530340-0	27-195	1-530758-1	27-199	1-530776-1	27-227	1-530782-1
120	6.855 174.12	6.565 166.75	5.900 149.86	27-190	1-530340-9	27-194	1-530758-0	27-198	1-530776-0	27-226	1-530782-0
110	6.355 161.42	6.065 154.05	5.400 137.16	27-99	530340-9	27-108	530758-9	27-117	530776-9	27-180	530782-9
100	5.855 148.72	5.565 141.35	4.900 124.46	27-98	530340-8	27-107	530758-8	27-116	530776-8	27-179	530782-8
90	5.355 136.02	5.065 128.65	4.400 111.76	27-97	530340-7	27-106	530758-7	27-115	530776-7	27-178	530782-7
80	4.855 123.32	4.565 115.95	3.900 99.06	27-96	530340-6	27-105	530758-6	27-114	530776-6	27-177	530782-6
70	4.355 110.62	4.065 103.25	3.400 83.36	27-95	530340-5	27-104	530758-5	27-113	530776-5	27-176	530782-5
60	3.855 97.92	3.565 90.55	2.900 73.66	27-94	530340-4	27-103	530758-4	27-112	530776-4	27-175	530782-4
50	3.355 85.22	3.065 77.85	2.400 60.96	27-93	530340-3	27-102	530758-3	27-111	530776-3	27-174	530782-3
40	2.855 72.52	2.565 65.15	1.900 48.26	27-92	530340-2	27-101	530758-2	27-110	530776-2	27-173	530782-2
30	2.355 59.82	2.065 52.45	1.400 35.56	27-91	530340-1	27-100	530758-1	27-109	530776-1	27-172	530782-1

Printed Circuit Board Connectors

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