

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 |

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