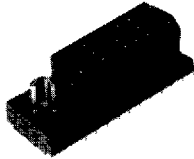


## 3-Row Receptacle Assemblies



### Commercial Receptacle Assemblies

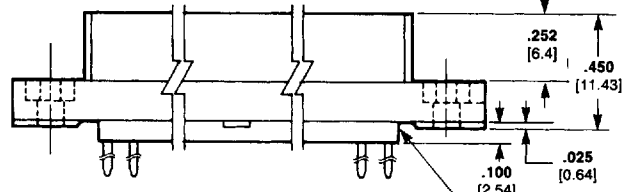
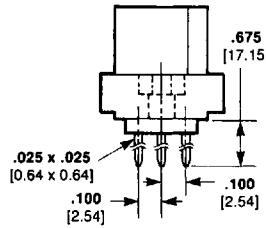
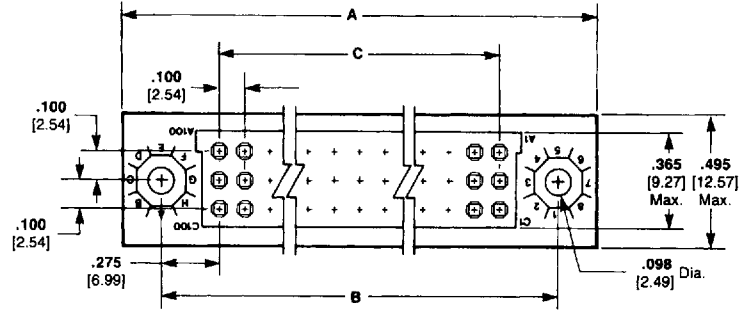
**Housing Material**—In accordance with MIL-C-55302

**Contact Material and Finish**—Beryllium copper per MIL-C-55302  
**Channel 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; **Solder Eyelet**—Plated .000030 [0.00076] gold in the contact area, in accordance with MIL-C-55302 tin-lead on the tails over .000030 [0.00076] nickel on the entire contact

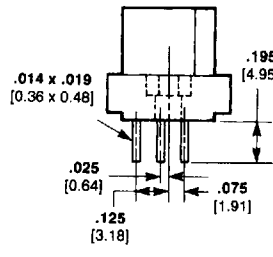
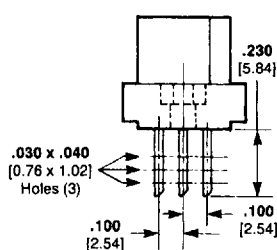
### Military Receptacle Assemblies

**Housing Material**—In accordance with MIL-C-55302

**Contact Material and Finish**—Beryllium copper per MIL-C-55302  
**Channel 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; **Wrap-Type Posted Contact**—Plated .000050 [0.00127] gold over .000030 [0.00076] nickel on the entire contact; **Solder Eyelet**—Plated .000050 [0.00127] gold in the contact area, in accordance with MIL-C-55302 .000100 [0.00254] tin-lead on the tails over .000050 [0.00127] nickel on the entire contact



Wrap-Type Posted Contact



Solder Eyelet Contact  
(Max. Wire Size 26 AWG [0.15mm<sup>2</sup>])

Flow Solder  
.014 x .019 [0.36 x 0.48]  
Channel Contact—Unsealed  
.010 x .020 [0.25 x 0.50]  
Posted Contact—Sealed

Post Stabilizer on Wrap-Type Only  
Material: In accordance with MIL-C-55302

### Related Product Data:

**Mates with**—Pin Headers, page 25

**External Keying**—page 42

**Recommended Pc Board Layout**—page 38

| No. of Pos.      | Dimensions |        |        | Flow Solder Contacts |            |                     |                  |            |                     | Solder Eyelet       |                  |                     | Wrap-Type Posted Contact |                  |  |
|------------------|------------|--------|--------|----------------------|------------|---------------------|------------------|------------|---------------------|---------------------|------------------|---------------------|--------------------------|------------------|--|
|                  |            |        |        | Commercial Part No.  |            | Military M55302/130 | AMP MIL Part No. |            | Commercial Part No. | Military M55302/130 | AMP MIL Part No. | Commercial Part No. | Military M55302/130      | AMP MIL Part No. |  |
|                  | A          | B      | C      | Sealed               | Unsealed   | Sealed              | Unsealed         | Sealed     | Unsealed            | Sealed              | Unsealed         | Sealed              | Unsealed                 |                  |  |
| 300 <sup>1</sup> | 10.750     | 10.450 | 9.900  | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
|                  | 273.05     | 265.43 | 251.46 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 270 <sup>1</sup> | 9.750      | 9.450  | 8.900  | —                    | 1-531138-4 | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
|                  | 247.65     | 240.03 | 226.06 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 240              | 8.750      | 8.450  | 7.900  | 447374-8             | 531138-8   | -44                 | 446853-8         | 531134-8   | 531140-8            | -46                 | 447192-8         | 531139-8            | -45                      | 447193-8         |  |
|                  | 222.25     | 214.63 | 200.66 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 210              | 7.750      | 7.450  | 6.900  | 447374-7             | 531138-7   | -41                 | 446853-7         | 531134-7   | —                   | -43                 | 447192-7         | 531139-7            | -42                      | 447193-7         |  |
|                  | 196.35     | 189.23 | 175.26 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 195              | 7.250      | 6.950  | 6.400  | 1-447374-0           | 1-531138-3 | -38                 | 1-446853-0       | 1-531134-3 | 1-531140-3          | -40                 | 1-447192-0       | 1-531139-3          | -39                      | 1-447193-0       |  |
|                  | 184.15     | 176.53 | 162.56 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 180              | 6.750      | 6.450  | 5.900  | 447374-6             | 531138-6   | -35                 | 446853-6         | 531134-6   | 531140-6            | -37                 | 447192-6         | 531139-6            | -36                      | 447193-6         |  |
|                  | 171.45     | 163.83 | 149.86 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 165              | 6.250      | 5.950  | 5.400  | 447374-5             | 531138-5   | -32                 | 446853-5         | 531134-5   | 531140-5            | -34                 | 447192-5         | 531139-5            | 33                       | 447193-5         |  |
|                  | 158.75     | 151.13 | 137.16 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 150              | 5.750      | 5.450  | 4.900  | 447374-4             | 531138-4   | -29                 | 446853-4         | 531134-4   | 531140-4            | -31                 | 447192-4         | 531139-4            | -30                      | 447193-4         |  |
|                  | 146.05     | 138.43 | 124.46 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 135              | 5.250      | 4.950  | 4.400  | 447374-9             | 1-531138-2 | -26                 | 446853-9         | 1-531134-2 | —                   | -28                 | 447192-9         | 1-531139-2          | -27                      | 447193-9         |  |
|                  | 133.35     | 125.73 | 111.76 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 126              | 4.950      | 4.650  | 4.100  | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
|                  | 125.73     | 118.11 | 104.14 | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 120              | 4.750      | 4.450  | 3.900  | 447374-3             | 531138-3   | -23                 | 446853-3         | 531134-3   | 531140-3            | -25                 | 447192-3         | 531139-3            | -24                      | 447193-3         |  |
|                  | 120.65     | 113.03 | 99.06  | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 105              | 4.250      | 3.950  | 3.400  | 447374-2             | 531138-2   | -20                 | 446853-2         | 531134-2   | —                   | -22                 | 447192-2         | 531139-2            | -21                      | 447193-2         |  |
|                  | 107.95     | 100.33 | 86.36  | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |
| 90               | 3.750      | 3.450  | 2.900  | 447374-1             | 531138-1   | -17                 | 446853-1         | 531134-1   | —                   | -19                 | 447192-1         | 531139-1            | -18                      | 447193-1         |  |
|                  | 95.25      | 87.63  | 73.66  | —                    | —          | —                   | —                | —          | —                   | —                   | —                | —                   | —                        |                  |  |

<sup>1</sup>Part Numbers are available upon request.