

Micro-D Hermetic Connectors Solder Mount 177-140H and 177-704H



Solder, Braze or Weld these 177-140 hermetic Micro-D connectors. Featuring a matched glass-to-metal seal, these socket receptacles are designed for panel mounting.

Kovar® Shells and Contacts comply with applicable MIL-DTL-83513 requirements and are 100% intermateable with standard connectors.

Choose 9 to 37 Contacts, with gold-plated contacts and nickel-plated shells. These connectors feature integral female jackposts.

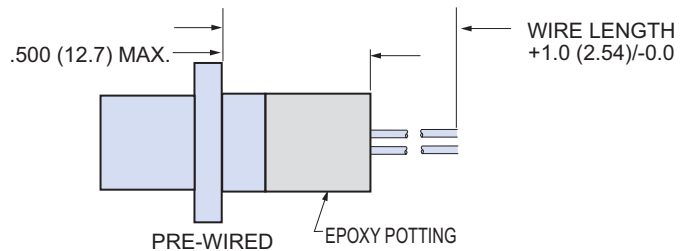
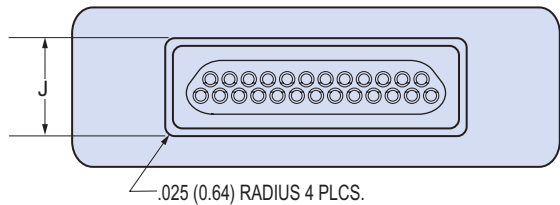
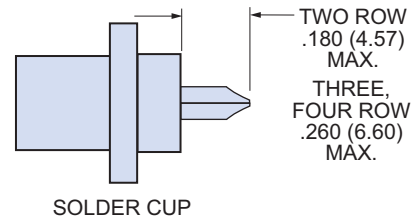
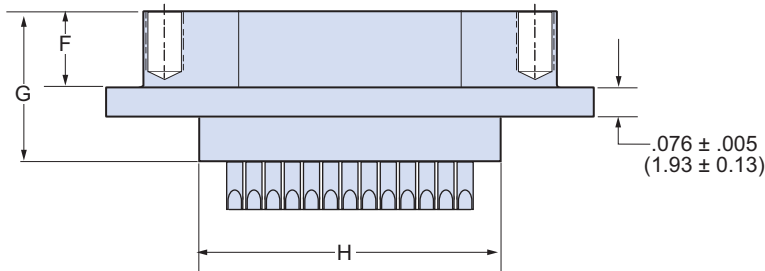
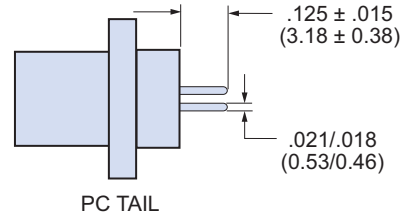
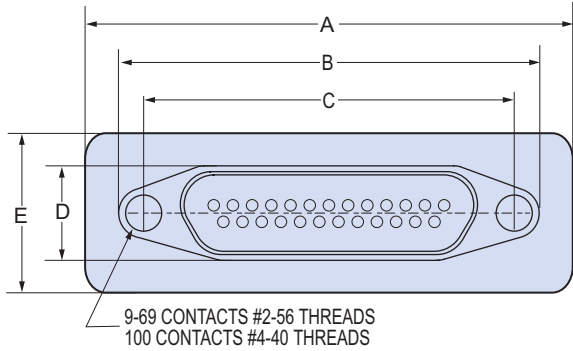
HOW TO ORDER SOLDER CUP AND PC TAIL CONNECTORS

| Series | Layout Number of Contacts | Contact Type | Termination Type |
|--|---------------------------------|--------------|-------------------------------|
| 177-140H Micro-D Hermetic Socket Receptacle, Solder or Weld Mounting | 9 15 21 25 31 37 | S – Socket | S – Solder Cup P – PC Tail |
| Sample Part Number | | | |
| 177-140H | 15 | S | P |

G

HOW TO ORDER PRE-WIRED CONNECTORS

| Series | Layout | Contact Type | Wire Gage (AWG) | Wire Type | Wire Color | Wire Length Inches |
|---------------------------|---------------------------------|--------------|-------------------------------|--|---|--|
| 177-704H | 9 15 21 25 31 37 | S – Socket | 6 – #26 8 – #28 0 – #30 | K – M22759/11 600 Vrms Teflon® (TFE) (Not Available in #30 AWG) J – M22759/33 600 Vrms Modified Cross-Linked Tefzel® (ETFE) | 1 – White 2 – Yellow 5 – Color-Coded Stripes Per MIL-STD-681 (#26 gage only) 7 – Ten Color Repeat | 18 Wire Length In Inches. "18" Specifies 18 Inches. |
| Sample Part Number | | | | | | |
| 177-704H | 25 | S | 6 | K | 1 | – 18 |



DIMENSIONS

| Layout | A Max. | | B MAX. | | C | | D Max. | | E Max. | | F | | G Max. | | H | | J | |
|------------|--------|-------|--------|-------|--------------|--------------|--------|------|--------|-------|--------------|--------------|--------|-------|--------------|--------------|--------------|--------------|
| | In. | mm. | In. | mm. | In. ±.003 | mm. ±0.08 | In. | mm. | In. | mm. | In. ±.004 | mm. ±0.10 | In. | mm. | In. ±.004 | mm. ±0.10 | In. ±.004 | mm. ±0.10 |
| 9S | .785 | 19.94 | .695 | 14.35 | .565 | 14.35 | .250 | 6.35 | .310 | 7.87 | .195 | 4.95 | .394 | 10.01 | .398 | 10.11 | .268 | 6.81 |
| 15S | 1.030 | 26.16 | .855 | 21.71 | .715 | 18.16 | .250 | 6.35 | .425 | 10.80 | .195 | 4.95 | .394 | 10.01 | .535 | 13.59 | .255 | 6.48 |
| 21S | 1.180 | 29.97 | 1.005 | 25.53 | .865 | 21.97 | .250 | 6.35 | .425 | 10.80 | .195 | 4.95 | .394 | 10.01 | .750 | 19.05 | .255 | 6.48 |
| 25S | 1.280 | 32.51 | 1.105 | 28.06 | .965 | 24.51 | .250 | 6.35 | .425 | 10.80 | .195 | 4.95 | .394 | 10.01 | .785 | 19.94 | .255 | 6.48 |
| 31S | 1.430 | 36.32 | 1.255 | 31.88 | 1.115 | 28.32 | .250 | 6.35 | .425 | 10.80 | .195 | 4.95 | .394 | 10.01 | .935 | 23.75 | .255 | 6.48 |
| 37S | 1.580 | 40.13 | 1.425 | 36.20 | 1.265 | 32.13 | .250 | 6.35 | .425 | 10.80 | .195 | 4.95 | .394 | 10.01 | 1.085 | 27.56 | .255 | 6.48 |