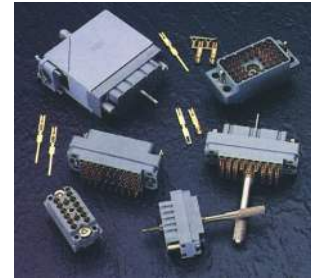


Rack And Panel Connectors

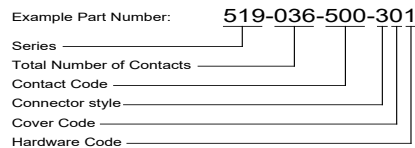
Features:

- 0.150" (3.81mm) contact spacing x 0.150" (3.81mm) row spacing suitable for automatic wire wrapping
- Plug and receptacle in 14 or 36 contact sizes
- Edacon hermaphroditic contact mating design
- Contact termination options include crimp, P.C. tail, wire hole and wire wrap
- Mating and unmating simplified with use of actuating screws
- Optional covers with side or top entry cable clamp in plastic or metal material available for all connector sizes
- Versatile metal cover design permits assembly or disassembly after cabling is complete plus cable entry style flexibility
- Actuating screws, locknuts, polarizing hardware, covers and contacts suitable for either plug or receptacle
- Polarizing hardware adjustable for 288 mating combinations
- Tools available for contact installation, removal, crimping and polarizing changes
- RoHS Compliant



Specifications:

| | |
|---------------------------------|---|
| Insulator Material | Polycarbonate UL 94V-0 |
| Color | Grey |
| Contact Material | Copper Alloy |
| Contact Plating | Gold Plating over Nickel over entire contact |
| Current Rating | 8.5 amps |
| Contact Resistance | 10 milliohms maximum |
| Dielectric Withstanding Voltage | 2000 V AC rms at sea level |
| Insulation Resistance | 5000 megaohms minimum |
| Operating Temperature | -40°C to +105°C |
| Insertion & Withdrawal Force | 2 to 16 oz (0.56 to 4.45N) per contact position |



Series:

519

Total Number of Contacts:

014, 036

| Contact Code: | Description: | Tail Size: | Tail Length "G": |
|---------------|-----------------------|---------------------------|------------------|
| 000 | No Contacts Assembled | ----- | ----- |
| 500 | Wire Hole | .110 x .024 (2.79 x 0.61) | .245 (6.22) |
| 501 | Taper Tail | .110 x .024 (2.79 x 0.61) | .245 (6.22) |
| 520 | P.C. Tail | .025 x .024 (0.64 x 0.61) | .215 (5.46) |
| 540 | Wire Wrap | .050 x .024 (1.27 x 0.61) | .600 (15.24) |
| 541 | Wire Wrap | .026 x .024 (0.66 x 0.61) | .620 (15.70) |
| 542 | Wire Wrap | .050 x .024 (1.27 x 0.61) | .790 (20.07) |

| Connector Style: | Style: |
|------------------|------------|
| 3 | Plug |
| 4 | Receptacle |

Cover Code ^{1,2,3,4}:

| | |
|---|--|
| 0 | No Cover Assembled |
| 1 | Plastic Cover, Top Entry Standard Clamp |
| 2 | Plastic Cover, Side Entry Standard Clamp |
| 3 | Plastic Cover, Top Entry Large Clamp |
| 4 | Plastic Cover, Side Entry Large Clamp |
| 5 | Metal Cover, Side Entry |
| 6 | Metal Cover, Top Entry |

Hardware Code ⁵:

| Hardware Code ⁵ : | Description: |
|------------------------------|---|
| 0 | No Hardware |
| 1 | Actuating Screw & Polarizing Hardware |
| 2 | Locknut & Polarizing Hardware |
| 5 | Actuating Screw with No Polarizing Hardware |
| 6 | Locknut with No Polarizing Hardware |

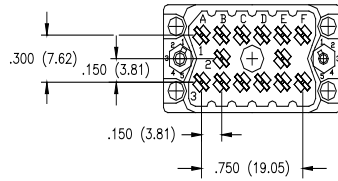
Ordering Code Notes:

- 1) The 14 pin connector cover will not accept the length of wire wrap contacts.
- 2) Plastic covers with large clamps are only available for 36 Pin size connectors.
- 3) Metal covers with side entry may be converted to top entry by removing side plate and changing clamp orientation.
- 4) Covers may be ordered separately.
- 5) Insulator design prevents improper mating of individual plug and receptacle. Polarizing hardware enables specific plug and receptacle combinations.

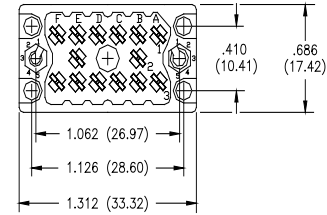
CONNECTOR MATING FACE VIEWS

DIMENSIONS INDICATED FOR EACH SIZE APPLY TO BOTH PLUG AND RECEPTACLE

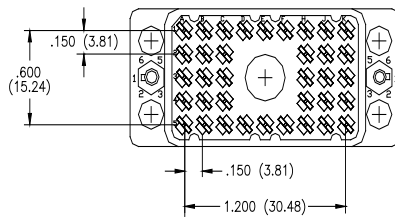
14 PIN PLUG



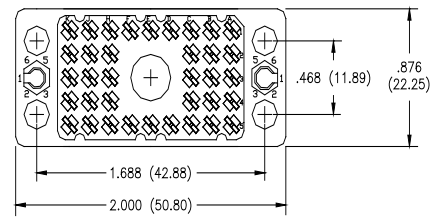
14 PIN RECEPTACLE



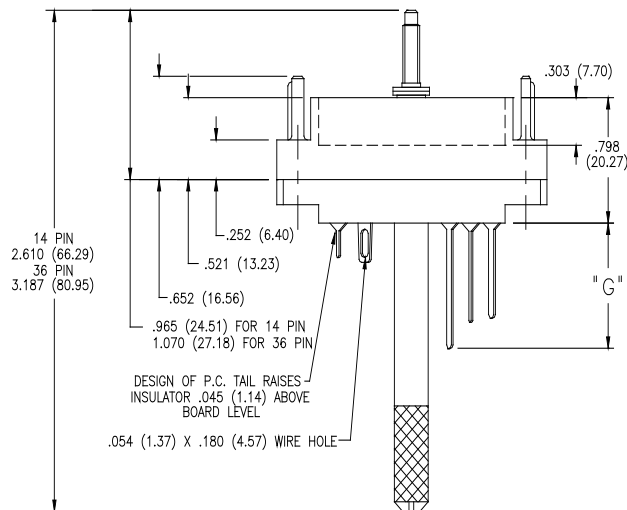
36 PIN PLUG



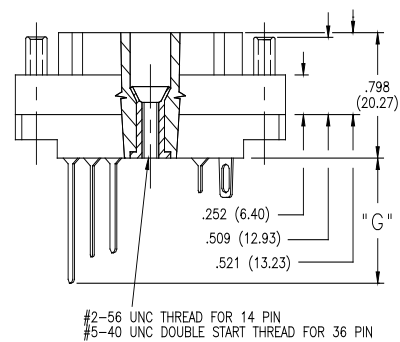
36 PIN RECEPTACLE



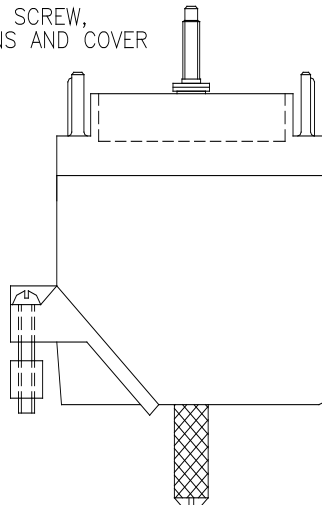
PLUG WITH ACTUATING SCREW AND POLARIZING GUIDE PINS



RECEPTACLE WITH LOCKNUT AND POLARIZING SOCKETS



PLUG WITH ACTUATING SCREW, POLARIZING GUIDE PINS AND COVER



RECEPTACLE WITH LOCKNUT, POLARIZING SOCKETS AND COVER

