

# Terminal Junction Modules

# M81714/3, /8 Series I Size 16 Class D



### Operating Range

**Temperature:**  
-65°C to 200°C

**Insulation Resistance:**  
5000 Megaohms @ 25°C

**Dielectric Withstanding Voltage:**  
1500 VRMS at Sea Level  
200 VRMS at 100,000 ft.

**Current Rating**  
13 Amps

**Vibration & Shock:**  
MIL-T-81714 Paragraph  
3.5.5 and 3.5.8

### Materials

**Module Body:**  
Polyetherimide per ASTM-D5205

**Grommet:**  
Silicone Blend Elastomer per A-A-59588

**Contact Retainers:**  
Stainless Steel

**Socket Contacts:**  
Copper Alloy, Hard Gold Plated in  
Accordance with MIL-G-45204

**Accepts Multiple Wire Sizes:**  
Size 16, 18, 20 AWG

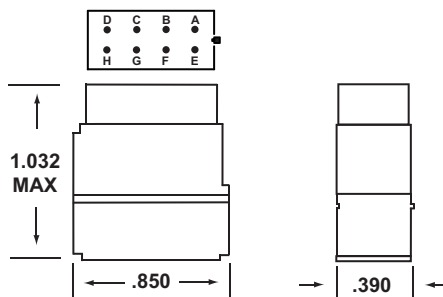
## Amphenol Pcd Terminal Junction Modules

| Bussing Configurations | Feedback     |           | Feedthru     |           | Contact |                   |            |
|------------------------|--------------|-----------|--------------|-----------|---------|-------------------|------------|
|                        | Military P/N | APCD P/N  | Military P/N | APCD P/N  | QTY*    | Size <sup>1</sup> | P/N M39029 |
|                        | M81714/3-DA1 | TJM116701 | M81714/8-DA1 | TJM216701 | 8       | 14/16             | /1-102     |
|                        | M81714/3-DB1 | TJM116702 | M81714/8-DB1 | TJM216702 | 8       | 14/16             | /1-102     |
|                        | M81714/3-DB2 | TJM116703 | M81714/8-DB2 | TJM216703 | 8       | 14/16             | /1-102     |
|                        | M81714/3-DC1 | TJM116705 | M81714/8-DC1 | TJM216705 | 8       | 14/16             | /1-102     |
|                        | M81714/3-DC2 | TJM116706 | M81714/8-DC2 | TJM216706 | 8       | 14/16             | /1-102     |
|                        | M81714/3-DD1 | TJM116707 | M81714/8-DD1 | TJM216707 | 8       | 14/16             | /1-102     |
|                        |              |           | M81714/8-DG1 | TJM216708 | 8       | 14/16             | /1-102     |
|                        |              |           | M81714/8-DH1 | TJM216709 | 8       | 14/16             | /1-102     |

\* Contact quantity for feedthru is double feedback. Quantity figure denotes number of contacts accommodated by module. Modules are supplied with one additional spare contact and sealing plug.  
<sup>1</sup> Mating Pin / Wire Barrel

## Terminal Junction Module Dimensions

### Feedback Dimensions



### Feedthru Dimensions

