

# M81714/2, /7

## Series I Size 20 Class D

### Terminal Junction Modules

#### 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

7.5 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

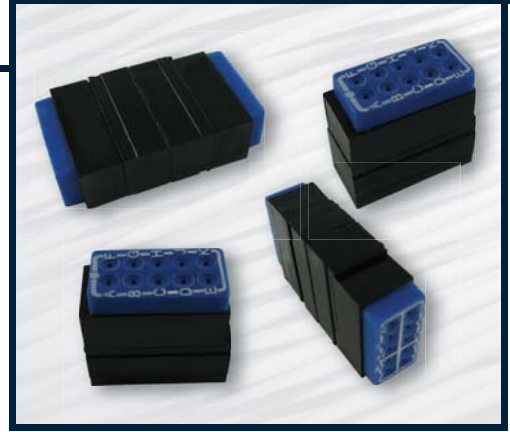
##### Socket Contacts:

Copper Alloy, Hard Gold Plated in

Accordance with MIL-G-45204

##### Accepts Multiple Wire Sizes:

Size 20, 22, 24 AWG



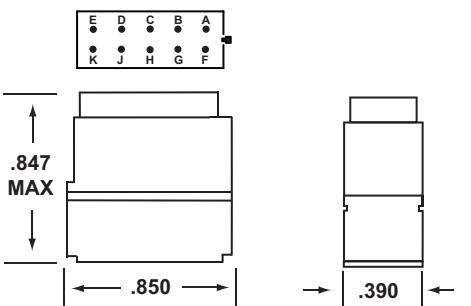
### Amphenol Pcd Terminal Junction Modules

Bussing Configurations	Feedback		Feedthru		QTY*	Size <sup>1</sup>	P/N M39029
	Military P/N	APCD P/N	Military P/N	APCD P/N			
	M81714/2-DA1	TJM120701	M81714/7-DA1	TJM220701	10	16/20	/1-101
	M81714/2-DB1	TJM120702	M81714/7-DB1	TJM220702	10	16/20	/1-101
	M81714/2-DB2	TJM120703	M81714/7-DB2	TJM220703	10	16/20	/1-101
	M81714/2-DB3	TJM120704	M81714/7-DB3	TJM220704	10	16/20	/1-101
	M81714/2-DC1	TJM120705	M81714/7-DC1	TJM220705	10	16/20	/1-101
	M81714/2-DC2	TJM120706	M81714/7-DC2	TJM220706	10	16/20	/1-101
	M81714/2-DC3	TJM120710			10	16/20	/1-101
	M81714/2-DC4	TJM120712			10	16/20	/1-101
	M81714/2-DD1	TJM120707	M81714/7-DD1	TJM220707	10	16/20	/1-101
	M81714/2-DD2	TJM120711			10	16/20	/1-101
	M81714/2-DE1	TJM120708	M81714/7-DE1	TJM220708	10	16/20	/1-101
			M81714/7-DJ1	TJM220709	10	16/20	/1-101

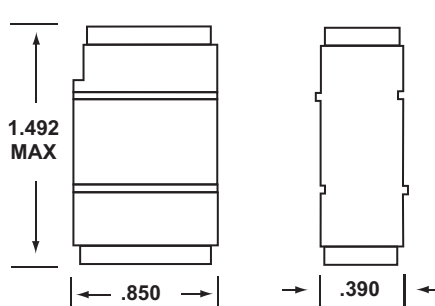
\* Contact quantity for feedthru is double feedback. Quantity figure denotes number of contacts accommodated by module. Modules are supplied with one additional spare contact and sealing plug.  
<sup>1</sup> Mating Pin / Wire Barrel

### Terminal Junction Module Dimensions

#### Feedback Dimensions



#### Feedthru Dimensions



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