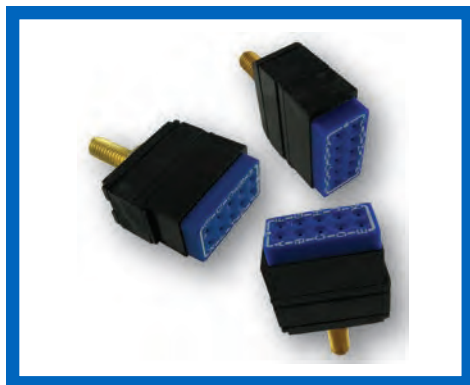


Ground Stud Modules, Class D

MIL-T-81714/27 Series I Compatible

Size 12, 16, 20, 22



Operating Range

Temperature:
-65°C to 200°C

Current Rating:
5 Amps (Size 22)
7.5 Amps (Size 20)
13 Amps (Size 16)
23 Amps (Size 12)

Shock:
MIL-T-81714 Paragraph
3.5.8 and 3.5.9

Materials

Socket Body:
Polyetherimide per ASTM-D5205

Grommet:
Silicone Rubber per A-A-59588

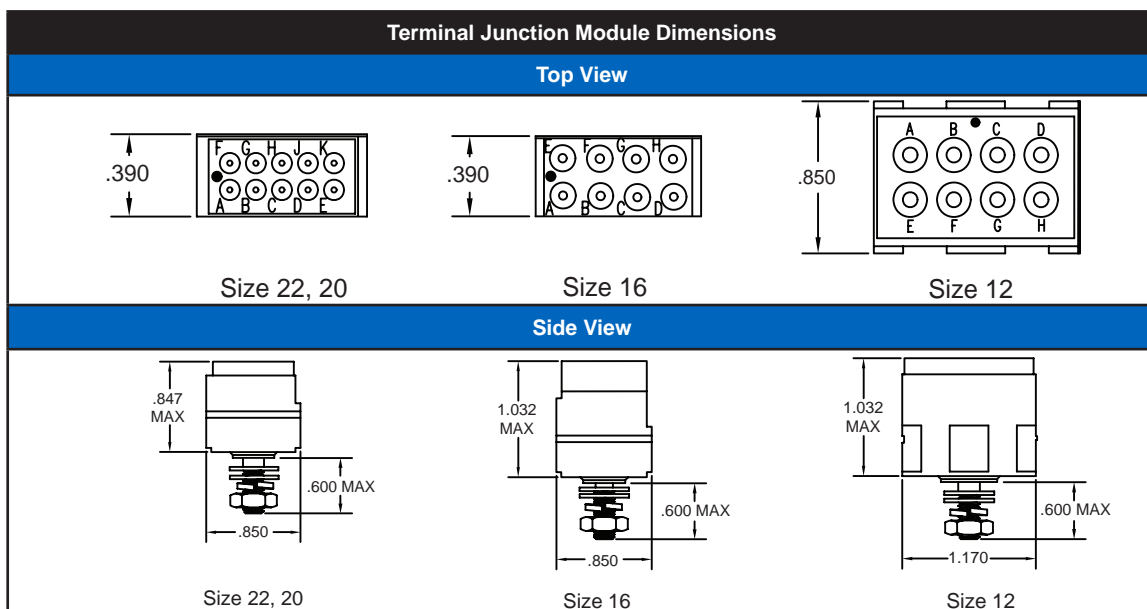
Mounting Stud:
Copper Alloy, Gold Plated per
SAE-AMS-2422

Contact Retainers:
Stainless Steel

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

Product Description

Multi-contact grounding/bus connection modules are provided with an integral threaded grounding stud. The stud is electrically and mechanically common to all internal contacts of the module. Electrical connection and mechanical mounting are achieved through a single #10-32 stud. The modules are dimensionally identical to the compatible MIL-T-81714/27 grounding stud modules, but are not QPL. Direct mounting to a ground plane or ground wire with the terminal lug creates a convenient multi-wire sealed grounding device. Direct attachment to a bus bar transforms the device into a bus connection module for multi-contact power distribution, sensing or metering. All modules are furnished with complete mounting hardware.



Terminal Grounding Modules				
Part Numbers		Contact		
MIL P/N	APCD P/N	QTY*	Size ¹	P/N M39029
M81714/27-22	TJG122701	10	16/22	/1-100
M81714/27-20	TJG120701	10	16/20	/1-101
M81714/27-16	TJG116701	8	14/16	/1-102
M81714/27-12	TJG112701	8	12/12	/1-103

*Quantity figure denotes number of contacts accommodated by module. Modules are supplied with two additional spare contacts and sealing plugs
¹Mating Pin/Wire Barrel