

# M81714/63 Socket Ground Modules

## Stud Mount Series II Size 16, 20, 22

### Socket Junction Modules



#### Operating Range

**Temperature:**  
-65°C to 200°C  
**Current Rating**  
5 Amps (Size 22)  
7.5 Amps (Size 20)  
13 Amps (Size 16)  
**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  
**Stud / Shell:**  
Copper Alloy, Gold Plated per  
SAE-AMS-2422. Tin Plating per  
ASTM-B545 Also Available as an Alternate  
**Contact Retainers:**  
Stainless Steel  
**Socket Contacts:**  
Copper Alloy, Hard Gold Plated in  
Accordance with MIL-G-45204

### Socket Grounding Modules Part Numbers

#### Product Description

M81714/ 63, stud mount, socket grounding modules mount directly to a ground plane or ground lug creating a multi-wire sealed grounding device. The grounding modules could also be mounted to a bus bar for power distribution, sensing or metering. All mounting hardware is furnished and custom hardware configurations are available. The mounting stud is available in gold or tin plating.

#### Part Numbers

#### Contact

#### Stud

Military P/N	APCD P/N	QTY*	Size <sup>1</sup>	P/N M39029	Plating
M81714/63-22S	SJG022170	20	22/22	/22-191	Gold
	SJG022100	20	22/22	/22-191	Tin
M81714/63-20S	SJG020170	12	20/20	/22-192	Gold
	SJG020100	12	20/20	/22-192	Tin
M81714/63-16S	SJG016170	6	16/16	/22-193	Gold
	SJG016100	6	16/16	/22-193	Tin

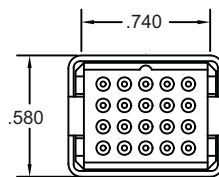
\* Quantity figure denotes number of contacts accommodated by module. Modules are supplied with one additional spare contacts and two sealing plugs

<sup>1</sup> Mating End/ Wire Barrel

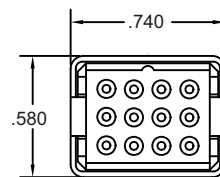


### Socket Junction Module Dimensions

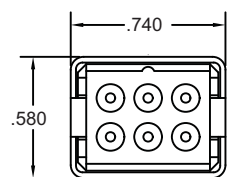
#### Top View



Size 22

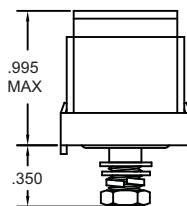


Size 20

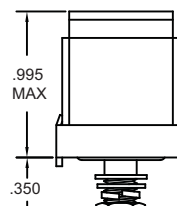


Size 16

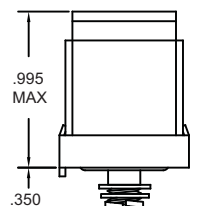
#### Side View



Size 22



Size 20



Size 16

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