

# M81714/63 Socket Ground Modules

## Flange Mount Series II 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)

**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

**Flange / 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 Junction Modules



### Socket Grounding Modules Part Numbers

Part Numbers			Contact		Flange
Military P/N	APCD P/N	QTY*	Size <sup>1</sup>	P/N M39029	Plating
M81714/63-22F	SJG022270	20	22/22	/22-191	Gold
	SJG022200	20	22/22	/22-191	Tin
M81714/63-20F	SJG020270	12	20/20	/22-192	Gold
	SJG020200	12	20/20	/22-192	Tin
M81714/63-16F	SJG016270	6	16/16	/22-193	Gold
	SJG016200	6	16/16	/22-193	Tin
M81714/63-12F	SJG012270	6	12/12	/22-605	Gold
	SJG012200	6	12/12	/22-605	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

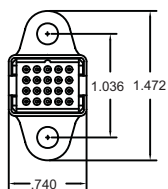
### Product Description

M81714/ 63, flange 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.

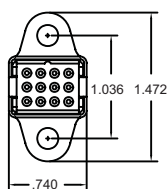


### Socket Junction Module Dimensions

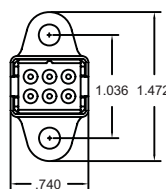
#### Top View



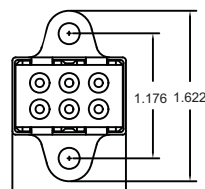
Size 22



Size 20

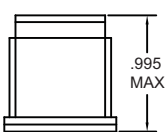


Size 16

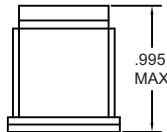


Size 12

#### Side View



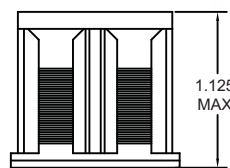
Size 22



Size 20



Size 16



Size 12

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## Amphenol:

[M81714/63-20F-LC](#) [SJG012200](#) [SJG012270](#) [SJG016200](#) [SJG016270](#) [SJG020200](#) [SJG020270](#) [SJG022200](#)  
[SJG022270](#)