

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



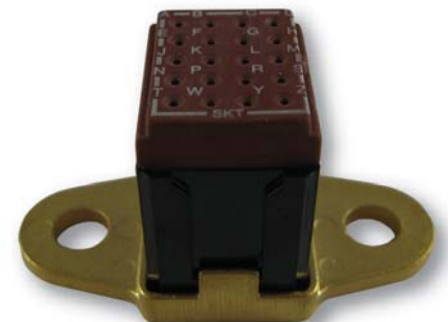
Socket Grounding Modules Part Numbers

Part Numbers			Contact		Flange
Military P/N	APCD P/N	QTY*	Size ¹	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
¹ Mating End/ Wire Barrel

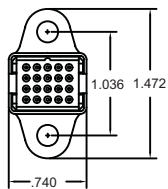
Product Description

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.

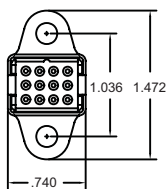


Socket Junction Module Dimensions

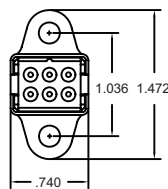
Top View



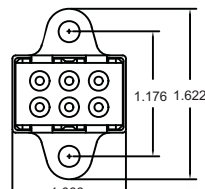
Size 22



Size 20

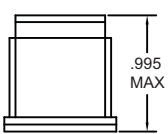


Size 16

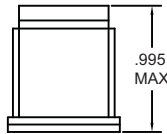


Size 12

Side View



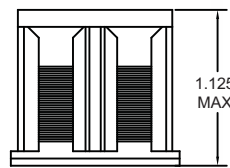
Size 22



Size 20



Size 16



Size 12

Amphenol Pcd