

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 ¹	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

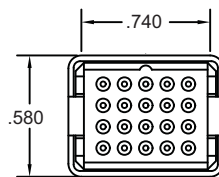
* Quantity figure denotes number of contacts accommodated by module. Modules are supplied with one additional spare contacts and two sealing plugs

¹ Mating End/ Wire Barrel

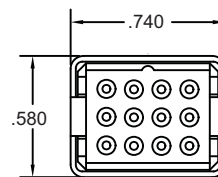


Socket Junction Module Dimensions

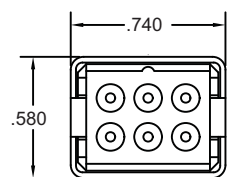
Top View



Size 22

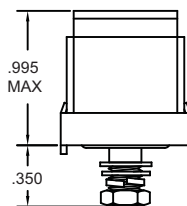


Size 20

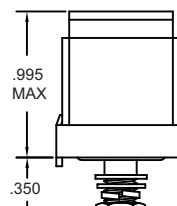


Size 16

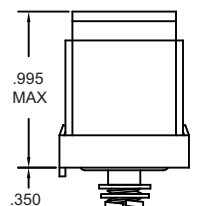
Side View



Size 22



Size 20



Size 16

Mouser Electronics

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