

# MIL-T-81714/63 Series II Stud Mount

## Size 16, 20, 22 Socket Ground Modules



### Operating Range

Temperature Limits:  
-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  
3.5.8 and 3.5.9

### Materials

Module Body:  
Polyetherimide per  
ASTM-D5205

Grommet:  
Silicone Blend Elastomer per A-A-  
59588

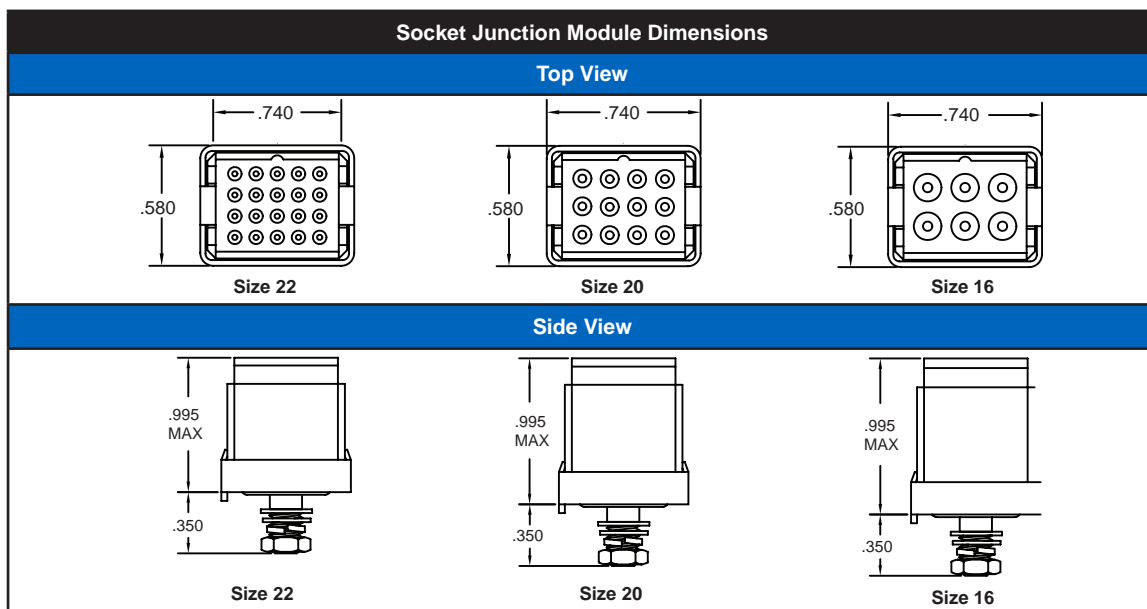
Contact Retainers:  
Stainless Steel

Stud / Shell:  
Copper Alloy, Gold Plated per  
SAE-AMS-2422.  
Tin Plating per ASTM-B545 also  
available as an alternate

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

### 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.



Socket Grounding Modules					
Part Numbers		Contact			Stud
MIL 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

<sup>1</sup>Quantity figure denotes number of contacts accommodated by module. Modules are supplied with one additional spare contact and two sealing plugs per MIL-T-81714 Mating End / Wire Barrel

# MIL-T-81714/63 Series II Flange Mount

## Size 12, 16, 20, 22 Socket Ground Modules

### Operating Range

Temperature Limits:

-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 3.5.8 and 3.5.9

### 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

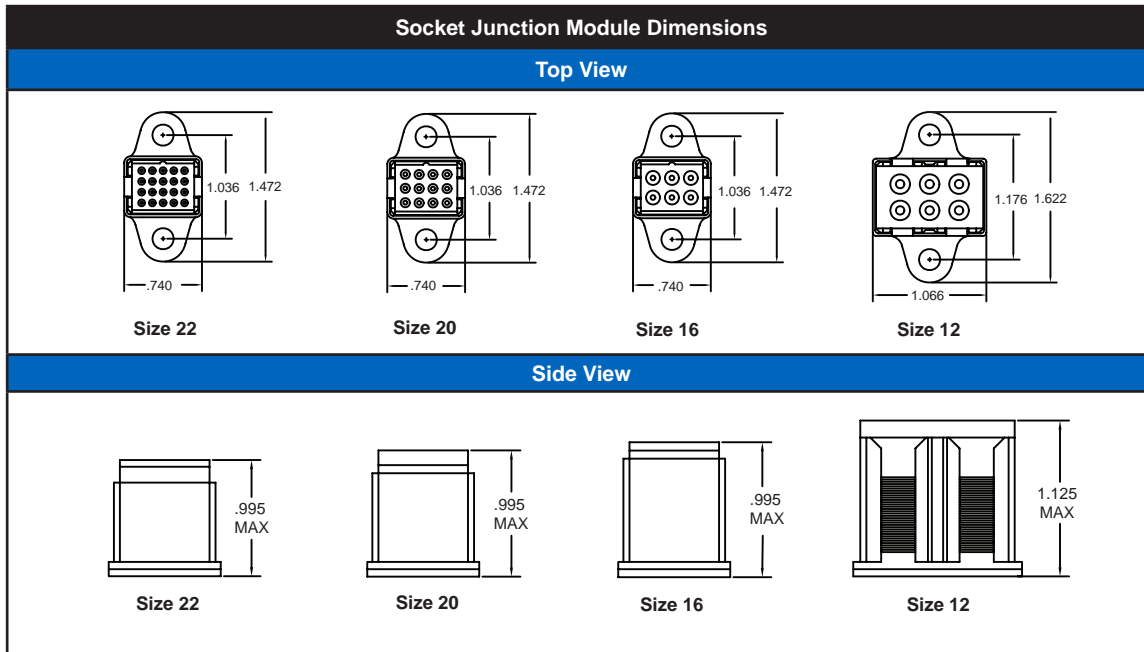
Socket Contacts:

Copper Alloy, Hard Gold Plated in Accordance with MIL-G-45204



### 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 Grounding Modules					
Feedback		Contact			Flange
MIL 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 contact and two sealing plugs  
<sup>1</sup>Mating End / Wire Barrel