

M81714/61 Series II

Distribution Socket Junction Modules

Socket Junction Modules

Operating Range

Temperature:
-65°C to 200°C

Insulation Resistance:
5000 Megaohms @ 25°C

Dielectric Withstanding Voltage:
1500 VRMS at Sea Level
200 VRMS at 110,000 ft.

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

Contact Retainers:
Stainless Steel

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



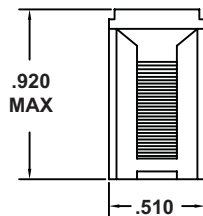
Amphenol Pcd Socket Junction Modules

Bussing Configurations	Part Numbers		Contact			Bussing
	Military P/N	APCD P/N	QTY	Size	P/N M39029	Bus Description
	M81714/61-0Z	SJM000100	6	16	/22-193	1 BUS TWO SIZE 12 & SIX SIZE 16
			2	12	/22-605	
	M81714/61-0Y	SJM000800	6	20	/22-192	1 BUS TWO SIZE 16 & SIX SIZE 20
			2	16	/22-193	
	M81714/61-0X	SJM000200	6	16	/22-193	2 BUSSES ONE SIZE 12 & THREE SIZE 16 PER BUS
			2	12	/22-605	
	M81714/61-0W	SJM000500	5	22	/22-191	5 BUSSES ONE SIZE 22 & ONE SIZE 20 & ONE SIZE 16 PER BUS
			5	20	/22-192	
			5	16	/22-193	

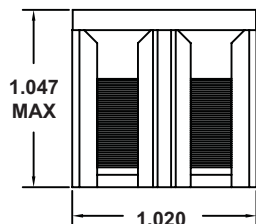
Socket Junction Module Dimensions

Front View

M81714/61-0Y

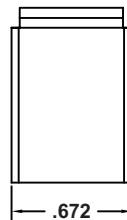


M81714/61-0Z, M81714/61-0X, M81714/61-0W

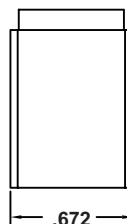


Side View

M81714/61-0Y



M81714/61-0Z, M81714/61-0X, M81714/61-0W



Product Description

Distribution Socket Junction Modules are available in a variety of MIL-T-81714 configurations, feature the same construction and features as the standard Series II high density modules, and are recommended for power distribution applications



Amphenol Pcd