

MIL-T-81714/61

Series II Distribution Socket Junction Modules

Operating Range

Temperature Limits:
-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
3.5.8 and 3.5.9

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



Socket Junction Module Dimensions	
M81714/61-OY: Front View	M81714/61-OY: Side View
M81714/61-OZ, M81714/61-OX, M81714/61-OW: Front View	M81714/61-OZ, M81714/61-OX, M81714/61-OW: Side View

Amphenol Pcd Socket Junction Modules						
Bussing Config.	Feedback		Contact			Bussing
	MIL P/N	APCD P/N	QTY*	Size ¹	P/N M39029	Bus Description
	M81714/61-OZ	SJM000100	6	16	/22-193	1 Bus Two, size 12 & Six, size 16
			2	12	/22-605	
	M81714/61-OY	SJM000800	6	20	/22-192	1 Bus Two, size 16 & Six, size 20
			2	16	/22-193	
	M81714/61-OX	SJM000200	6	16	/22-193	2 Busses One, size 12 & Three, size 16 per Bus
			2	12	/22-605	
	M81714/61-OW	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	