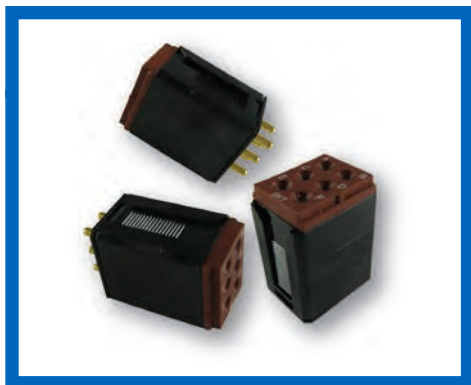


Board Mount Socket Junction Modules

MIL-T-81714/62 Series II Compatible

Size 12, 16, 20, 22



Operating Range

Temperature:
-65°C to 125°C

Insulation Resistance:
1000 Megaohms Min.

Dielectric Withstanding Voltage:
1500 VRMS at Sea Level
200 VRMS at 80,000 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

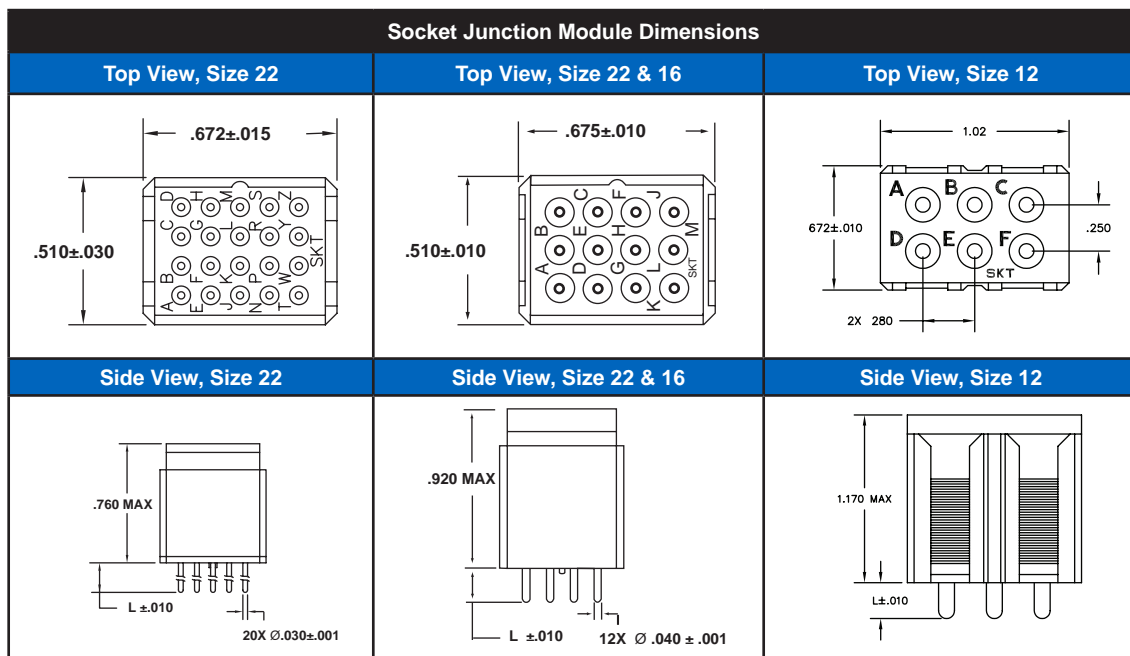
Grommet:
Silicone Blend Elastomer per
A-A-59588

Contact Retainers:
Stainless Steel

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

Product Description

The Socket Junction Modules can be provided in a solder pin version for mounting directly to printed circuit boards, while providing a flexible, compact wiring package and eliminating the need for a mounting track. Support size 12, 16, 20, & 22 contacts; and PCB thicknesses of .187 and .250. They are not QPL.



Board Mount Socket Junctions						Module Configurations
APCD P/N	QTY	Size ¹	Contact P/N	Config.	DIM. L	
SJP022000	20	22/22	M39029/22-191	A	.187	
SJP022010	20	22/22	M39029/22-191	A	.250	
SJP020000	12	20/20	M39029/22-192	B	.187	
SJP020010	12	20/20	M39029/22-192	B	.250	
SJP016000	6	16/16	M39029/22-193	C	.187	
SJP016010	6	16/16	M39029/22-193	C	.250	
SJP012000	6	12/12	M39029/22-605	D	.187	
SJP012010	6	12/12	M39029/22-605	D	.250	
SJP012020	6	12/12	M39029/22-605	D	.335	

¹Mating End / Wire Barrel

Electronic Socket Junction Modules

MIL-T-81714/62 Series II Compatible

SJE Component 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.

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

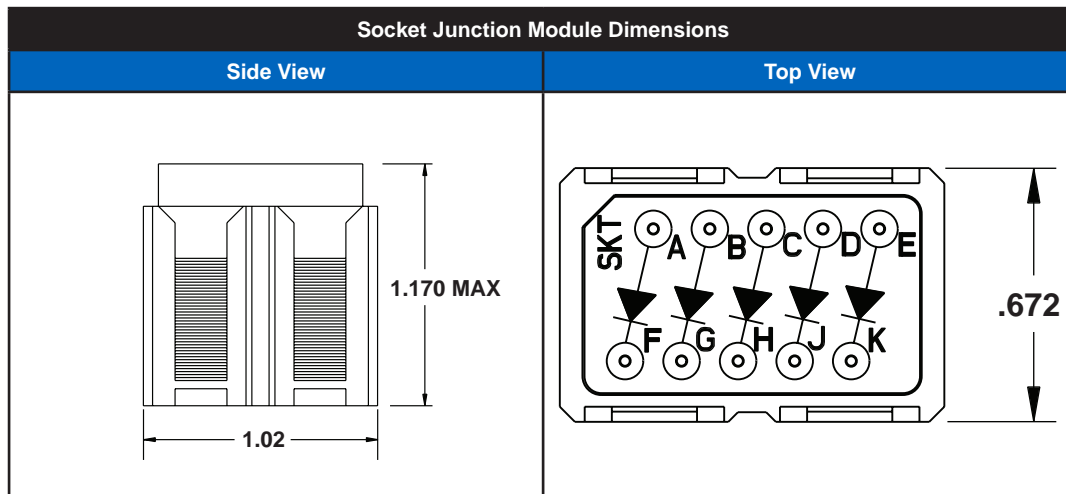
Contact Retainers:
Stainless Steel

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



Product Description

Amphenol Pcd's Electronic Socket Junction Modules are available with a variety of components and in a wide range of configurations. Components available include, but are not limited to, diodes, resistors, fuses, thyristors, and inductors, and are also available with multiple components within one module. There are new configurations produced regularly and customized components are also available. They are not QPL. Contact us for more details.



Electronic Socket Junction Modules									
Circuit Diagram	APCD P/N	Part	Value or P/N	Quantity	Circuit Diagram	APCD P/N	Part	Value or P/N	Quantity
	SJE020001	Diode	JANTX1N5552	5		SJE020011	Resistor	10KΩ 1/10W	5
	SJE020003	Diode	JANTX1N6052A	2		SJE020015	Diode	JANTX1N649-1	6
	SJE020006	Resistor	470Ω 1/2W	5		SJE020016	Diode	JANTX1N5618	5
	SJE020008	Diode	JANTX1N5550	5		SJE020022	Diode	JANTX1N5618	5
	SJE020009	Diode	JANTX1N4246	5		SJE020023	Diode	JANTX1N3613	6
	SJE020010	Diode	JANTX1N5618	5					

Electronic Socket Junction Modules

MIL-T-81714/62 Series II Compatible

SJE Component Modules

Amphenol Pcd Electronic Terminal Junction Splices MIL-T-81714/24 Double Compatible Size 20, 22

Circuit Diagram	APCD P/N	Part	Value or P/N	Quantity	Circuit Diagram	APCD P/N	Part	Value or P/N	Quantity
	SJE020025	Diode	100Ω 1/8W	5		SJE020063	Diode	JANTX1N3613	5
	SJE020026	Diode	51.1Ω 1/8W	5		SJE020064	Diode	JANTX1N5618	1
	SJE020045	Diode	1N4001	5		SJE020065	Diode	1N5616	5
	SJE020047	Diode	1N4007	5		SJE020067	Resistor	56.2KΩ	5
	SJE020048	Diode	1N4007 1N5406	32		SJE020068	Diode	JANTX1N649-1	6
	SJE020053	Resistor	10KΩ 1/4W	5		SJE020071	Resistor	120Ω	5
	SJE020056	Diode	JANTX1N5618	4		SJE020075	Resistor	90.9Ω 2W	3
	SJE020058	Diode	JANTX1N5550	3		SJE020919	Resistor	2KΩ 1/8W	5
	SJE020059	Diode	JANTX1N5618	3		SJE020920	Resistor	54KΩ 1/8W 6KΩ 1/8W	11
	SJE020061	Resistor	4.7KΩ 1/4W	6		SJE020924	Resistor	1KΩ 1/8W	4
	SJE020062	Resistor	100KΩ 1/10W	5		SJE020927	Fuse	1Amp 125V	5