QPL & non QPL Coverage		
	Ground Modules	M81714/63
SJS	Splices– Single & Dbl	M81714/65
SJP	Board Mount	performs to M81714 Specs

*Electronic coverage includes: Resistors, capacitors, fuses and diodes

Socket Junction Modules: SAE-AS81714 & MIL-T-81714 Series II

Feedback, Feedthrough & Bussing Modules

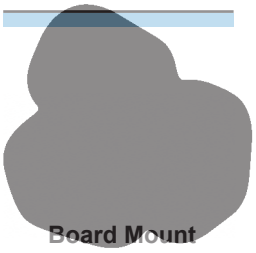
Feedback, Feedthrough & Bussing Modules

The SJM feedback modules offer a lightweight junction system with a full range of bussing arrangements and contact sizes. SJM modules meet /60 and /61 specifications.

Electronic Modules

SJE electronic modules offer a wide variety of diodes, resistors, capacitors and fuses in a Series II form factor. SJE modules perform to M81714 specifications and have many /62 equivalents. Many more variations are available, and custom options are always available.

Electronic Modules



Board Mount

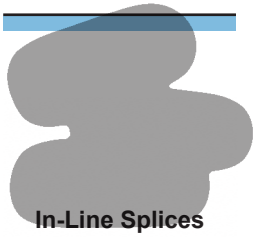
Board Mount Pin Modules

The socket junction modules can be provided in a solder pin version for mounting directly to printed circuit boards, providing a flexible, compact wiring package and eliminating the need for mounting track. Support size 16/ 20 /22 contacts, and PCB thicknessess of .187 and .250.

Ground Modules

Grounding Modules

M81714 /63, flange and socket grounding modules mount directly to a ground plane or grounding stud 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. Flange and stud units meet M81714 /63 specs.



In-Line Splices

In-Line Splices

Series II In-Line Splices are available in single and double configurations, in sizes 16, 20, and 22 AWG. M81714 /65 splices use the same advanced polyetherimide body, one piece bus assembly and construction as Amphenol PCD's other M81714 connectors.

Mounting Tracks

Mounting Tracks

The Series II aluminum mounting tracks meet MIL-T-81714 /67 and can accommodate up to 40 modules. Also available are composite mounting tracks- accomodating up to 20 modules. This track is approximately 45% lighter than the aluminum track and meets all dimensional requirements of MIL-T-81714.

NEW Series I Electronic Splices

M81714/21 Inline Diodes
M81714/23 Inline Fuses

Class D, QPL certified to SAE-AS81714
Use MilStd Pin Contacts
M39029/1-100 size 22
M39029/1-101 size 20

Available Immediately!

Reliable & Proven Tried & True – Technology you can trust

Technical Specifications

Materials:

Insulator Body: Polyetherimide, color: black
Grommet: Silicone elastomer, color: brown
Internal Contacts: Copper alloy, gold plated
Contact Retainers: Stainless steel

Performance:

Temperature Range: -65°C to 200°C
Insulation Resistance: >5000 megohms
AS81714, para 3.5.11
Dielectric Withstanding Voltage:
1500Vrms @ sea level
200Vrms @ 100,000 ft altitude
AS81714-para 3.5.6
Current Ratings (By Contact Size):
Size 22/22: 5 Amps
Size 20/20: 7.5 Amps
Size 16/16: 13 Amps
Size 12/12: 23 Amps
Vibration: Per AS81714, para. 3.5.8
Mechanical Shock:
Per AS81714, para. 3.5.9