



M81714/21 SERIES | ELECTRONIC IN-LINE JUNCTION (INTEGRAL DIODE)

Product Description

Built and qualified to AS81714, ThermoKonnnect Single Wire Splices provide a reliable and maintainable connection for two-wire and four-wire applications.

While standard TJS are pictured, ThermoKonnnect is happy to customize designs to your unique specifications.

*All use the standard M39029/1 pin contact.



Performance Specifications

DIELECTRIC WITHSTANDING VOLTAGE:

Sea Level: 1,500 VRMS
70,000 ft: 600 VRMS

INSULATION RESISTANCE:

5,000 megohms at 25°C

TEMPERATURE RATING:

-65°C to +200°C

CURRENT RATING:

22 5 amps
Contact 20 7.5 amps
Size 16 13 amps
12 23 amps

Single-Wire Splices

Bussing Type



MIL P/N 81714	Diode P/N	Size	Contact P/N
21-1D001	JAN 1N5618	22	M39029/1-100
21-1D002	JAN 1N5618	20	M39029/1-101
21-1D003	JAN 1N4148	20	M39029/1-101
21-1D004	JAN 1N5620	20	M39029/1-101

Materials

INSULATOR BODY:

Polyetherimide, ASTM-D5205

INTERNAL CONTACT:

Copper Alloy / Gold Finish, MIL-G-45204

GROMMET:

Silicone Elastomer