



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:

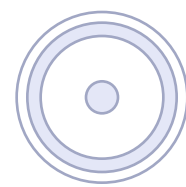
-65°C to +200°C

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



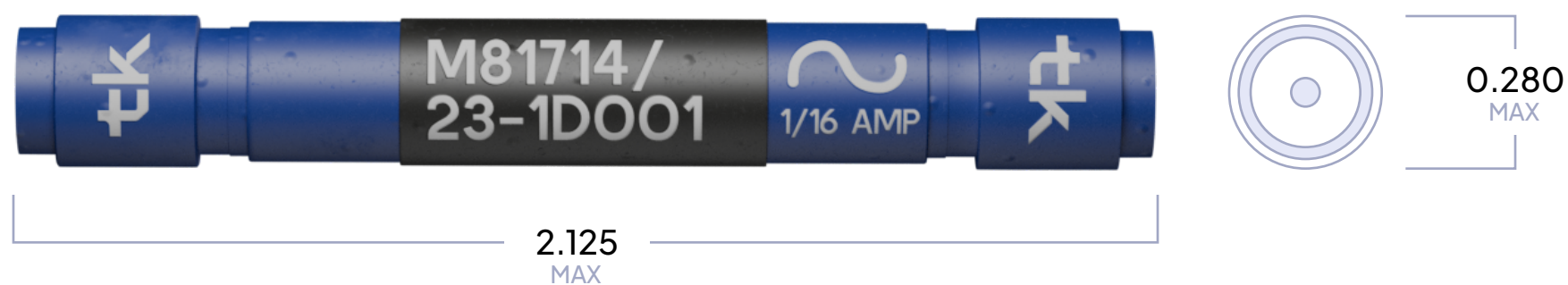
M81714/23 SERIES | ELECTRONIC IN-LINE JUNCTION (INTEGRAL FUSE)

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:

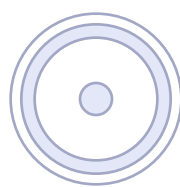
-65°C to +200°C

CURRENT RATING:

Contact Size 20 7.5 amps

Single-Wire Splices

Bussing Type



FUSE RATING:

- Style 1
- MIL-PREF-23419 TYPE FM04

MIL P/N 81714	Size	Amps	Volts	Contact P/N
23-1D001	20	1/16	125	M39029/1-101
23-1D002	20	1/8	125	M39029/1-101
23-1D003	20	1/4	125	M39029/1-101
23-1D004	20	3/8	125	M39029/1-101
23-1D005	20	1/2	125	M39029/1-101
23-1D006	20	3/4	125	M39029/1-101
23-1D007	20	1	125	M39029/1-101
23-1D008	20	1-1/2	125	M39029/1-101
23-1D009	20	2	125	M39029/1-101
23-1D010	20	2-1/2	125	M39029/1-101
23-1D011	20	3	125	M39029/1-101
23-1D012	20	3-1/2	125	M39029/1-101
23-1D013	20	4	125	M39029/1-101
23-1D014	20	5	125	M39029/1-101
23-1D015	20	7	125	M39029/1-101
23-1D016	20	10	125	M39029/1-101

Materials

INSULATOR BODY:

Polyetherimide, ASTM-D5205

INTERNAL CONTACT:

Copper Alloy / Gold Finish, MIL-G-45204

GROMMET:

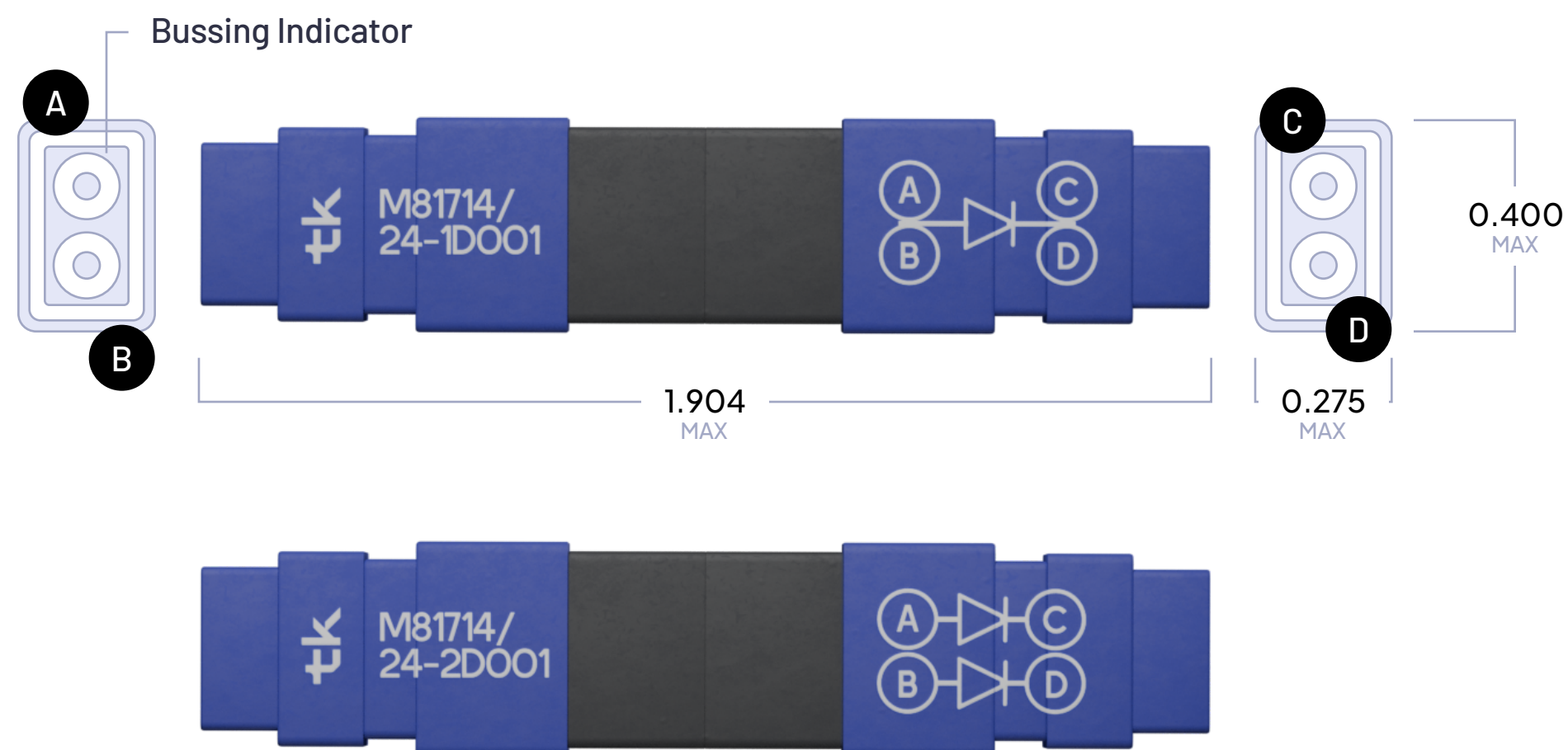
Silicone Elastomer

Product Description

Built and qualified to AS81714, ThermoKonnnect Dual 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

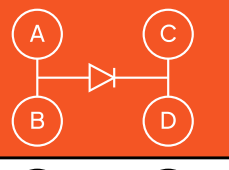
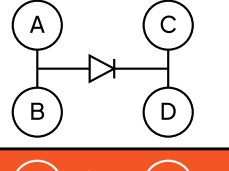
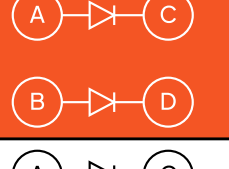
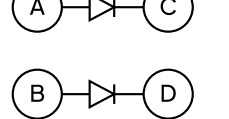
TEMPERATURE RATING:

-65°C to +200°C

CURRENT RATING:

Contact 22 5 amps
Size 20 7.5 amps

Double-Wire Splices

Bussing	MIL P/N 81714	Diode P/N	Size	Contact P/N
	M81714/ 24-1D001	JAN 1N5618	22	M39029/1-100
	M81714/ 24-1D002	JAN 1N5618	20	M39029/1-101
	M81714/ 24-2D001	JAN 1N5618	22	M39029/1-100
	M81714/ 24-2D002	JAN 1N5618	20	M39029/1-101

Materials

INSULATOR BODY:

Polyetherimide, ASTM-D5205

INTERNAL CONTACT:

Copper Alloy / Gold Finish, MIL-G-45204

GROMMET:

Silicone Elastomer