

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, DME Interconnect 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
22 5 amps
20 7.5 amps
16 13 amps



Dual-Wire Splices

Bussing Type



Bussing Type



MIL P/N 81714	WIRE SIZE	CONTACTS		GROMMET SEALING RANGE	
		P/N 39029	QTY	MAX	MIN
12-16D-1	16-20	/1-102	4	.109	.065
12-20D-1	20-24	/1-101	4	.083	.040
12-22D-1	22-26	/1-100	4	.060	.030

MIL P/N 81714	WIRE SIZE	P/N 39029	QTY	MAX	MIN
12-16D-2	16-20	/1-102	4	.109	.065
12-20D-2	20-24	/1-101	4	.083	.040
12-22D-2	22-26	/1-100	4	.060	.030

Materials

INSULATOR BODY:

Polyetherimide, ASTM-D-5205
• M81714/12-16D-2, M81714/12-20D-2, M81714/12-22D-2

Copper Alloy

• M81714/12-16D-1, M81714/12-20D-1, M81714/12-22D-1

INTERNAL CONTACT:

Copper Alloy / Gold Finish, MIL-G-45204

GROMMET:

Silicone Elastomer