



**THE DATASHEET OF  
M81714/12-20D-2**



## Product Description

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

\*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:

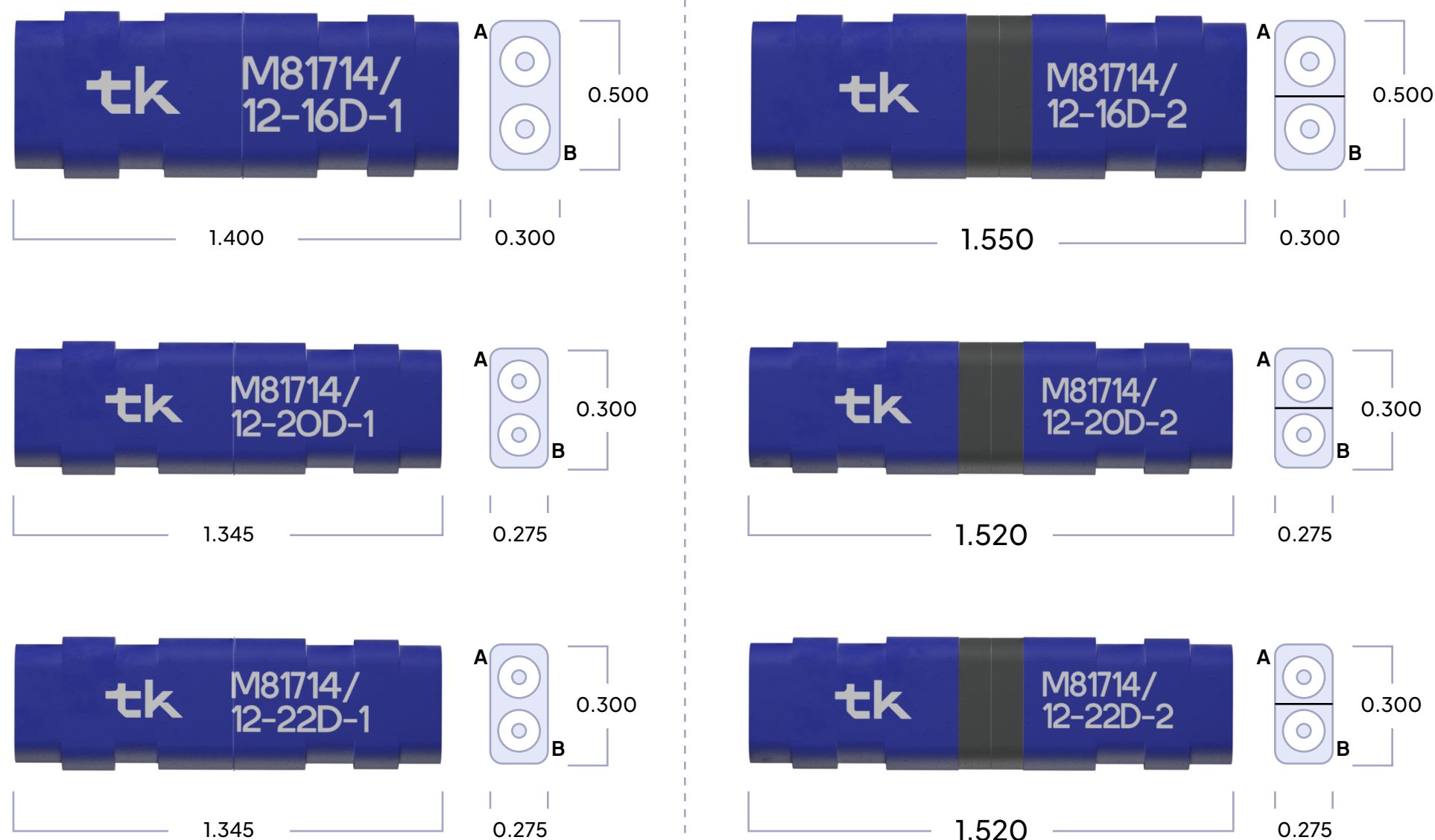
5,000 megohms at 25°C

### TEMPERATURE RATING:

-65°C to +200°C

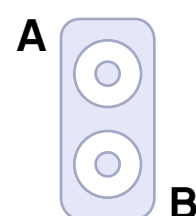
### CURRENT RATING:

Contact Size 22 .... 5 amps  
20 .... 7.5 amps  
16 ..... 13 amps

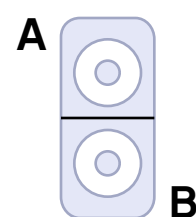


## Dual-Wire Splices

Bussing Type



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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

## Looking for pricing, stock, or lifecycle information?

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