



Built and qualified to MIL-T-81714 (Series I) DME's Terminal Junction Modules make up a simple and reliable environmental resistant Terminal Junction System. Recently adopted as SAE-Aerospace Standards under the AS81714 part numbers, these parts are also currently active for new design and replacement purposes. Complimented by DME's MIL-T-81714 In-Line Junctions (Splices) these Terminal Modules provide users with a broad range of Terminal Junction System Components to select from.

PERFORMANCE SPECIFICATIONS

DIELECTRIC WITHSTANDING VOLTAGE:

Sea Level: 1,500 Volts AC (RMS)
At 70,000 ft: 200 Volts AC (RMS)

INSULATION RESISTANCE
5,000 megohms at 25 C.

TEMPERATURE:
Operative at -65 C to +200 C.

FLUID COMPATIBILITY:
Method 1016 of MIL-STD-1344.

CORROSION:
Per MIL-STD-1344 Test Method 1001, Test Condition C.

CURRENT RATING:
Contact size 22-5 amps, size 20-7.5 amps, size 16-13 amps, size 12-23 amps.

MOISTURE RESISTANCE:
Method 1002, Type II of MIL-STD-1344.

THERMAL SHOCK
Per MIL-STD-1344 Test Condition A.

CONTACT RETENTION:

Contact Size	Axial Load
22	12 lbs. min
20	20 lbs. min
16	25 lbs. min
12	30 lbs. min

GROMMET SEALING RANGE:
(MIL-T-81714, Table I)

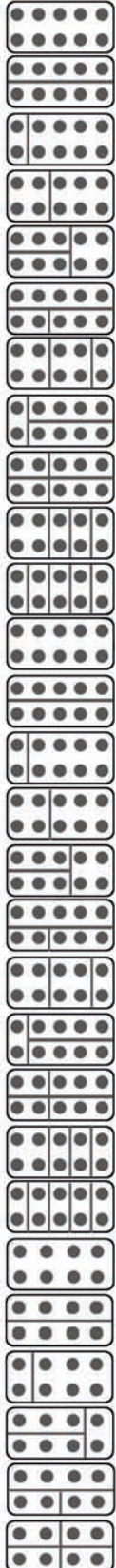
Contact size	Max. Wire O.D.	Min. Wire O.D.
22	.060	.030
20	.083	.040
16	.109	.065
12	.142	.097

OTHER TESTS PERFORMED:
Vibration, Mechanical Shock, Altitude Immersion, Temperature Life, all per MIL-T-81714E.



Terminal Modules

BUSSING CONFIGURATION



	FEEDBACK			CONTACT	
	MILITARY PART NO.	SAE PART NO.	DME PART NO.	SIZE	P/N M39029
	M81714/2-DA1	AS81714/2-DA1	DME/2-DA1	/20	1-101
	M81714/2-DB1	AS81714/2-DB1	DME/2-DB1	/20	1-101
	M81714/2-DB2	AS81714/2-DB2	DME/2-DB2	/20	1-101
	M81714/2-DB3	AS81714/2-DB3	DME/2-DB3	/20	1-101
	M81714/2-DC1	AS81714/2-DC1	DME/2-DC1	/20	1-101
	M81714/2-DC2	AS81714/2-DC2	DME/2-DC2	/20	1-101
	M81714/2-DC3	AS81714/2-DC3	DME/2-DC3	/20	1-101
	M81714/2-DC4	AS81714/2-DC4	DME/2-DC4	/20	1-101
	M81714/2-DD1	AS81714/2-DD1	DME/2-DD1	/20	1-101
	M81714/2-DD2	AS81714/2-DD2	DME/2-DD2	/20	1-101
	M81714/2-DE1	AS81714/2-DE1	DME/2-DE1	/20	1-101
	M81714/1-DA1	AS81714/1-DA1	DME/1-DA1	/22	1-100
	M81714/1-DB1	AS81714/1-DB1	DME/1-DA1	/22	1-100
	M81714/1-DB2	AS81714/1-DB2	DME/1-DA1	/22	1-100
	M81714/1-DB3	AS81714/1-DB3	DME/1-DA1	/22	1-100
	M81714/1-DC1	AS81714/1-DC1	DME/1-DA1	/22	1-100
	M81714/1-DC2	AS81714/1-DC2	DME/1-DA1	/22	1-100
	M81714/1-DC3	AS81714/1-DC3	DME/1-DA1	/22	1-100
	M81714/1-DC4	AS81714/1-DC4	DME/1-DA1	/22	1-100
	M81714/1-DD1	AS81714/1-DD1	DME/1-DA1	/22	1-100
	M81714/1-DD2	AS81714/1-DD2	DME/1-DA1	/22	1-100
	M81714/1-DE1	AS81714/1-DE1	DME/1-DA1	/22	1-100
	M81714/3-DA1	M81714/3-DA1	DME/3-DA1	/16	1-102
	M81714/3-DB1	M81714/3-DB1	DME/3-DB1	/16	1-102
	M81714/3-DB2	M81714/3-DB2	DME/3-DB2	/16	1-102
	M81714/3-DC1	M81714/3-DC1	DME/3-DC1	/16	1-102
	M81714/3-DC2	M81714/3-DC2	DME/3-DC2	/16	1-102
	M81714/3-DD1	M81714/3-DD1	DME/3-DD1	/16	1-102