



Identical in performance to our qualified M81714/21 and M81714/23 Electronic Junctions DME's Series II Electronic Junctions provide users the same application options as the Series I Electronic Junctions only terminating with Series II socket contacts. Whether in a standard configuration or a customer specified configuration packaging other types of of electronic components the DME Series II Electronic Junction is compact, economical, and readily available with short lead times.

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 COMPATABILITY:

Method 1016 of MIL-STD-1344.

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
20	20 lbs. min
22	12 lbs. min

GROMMET SEALING RANGE:

(MIL-T-81714, Table I)

Contact size	Max. Wire O.D.	Min. Wire O.D.
20	.083	.040
22	.060	.030

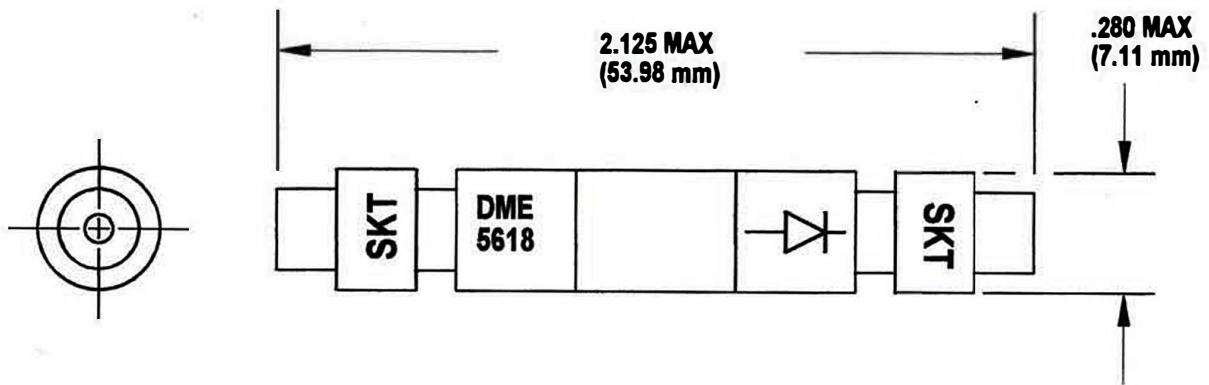
OTHER TESTS PERFORMED:

Vibration, Mechanical Shock, Altitude Immersion, Temperature Life, all per MIL-T-81714.



Electronic Component Splices

Electronic In-Line Junctions
Integral Diode
Terminating with the M81714, Series II Socket Contact

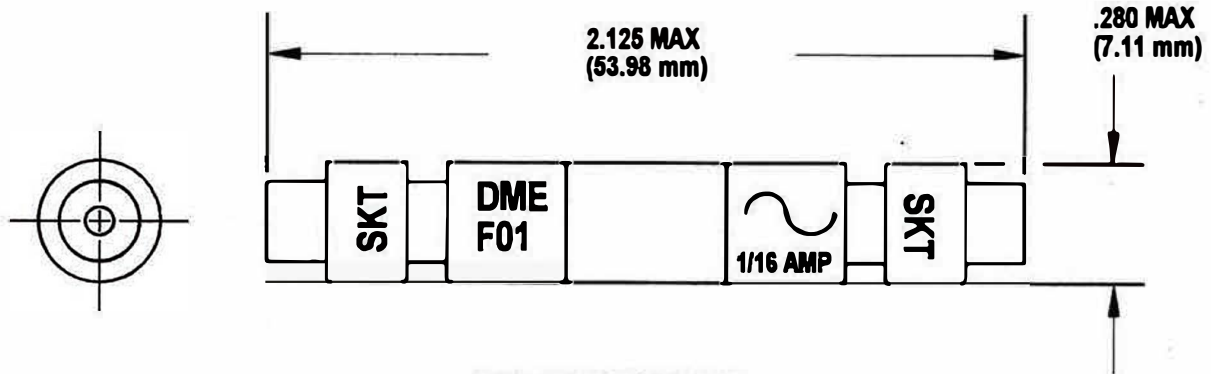


DME PART NUMBERS.

Part Number	Diode P/N	Size	Contact P/N
DME-5618	JAN 1N5618	20	M39029/22-192
DME-4148	JAN 1N4148	20	M39029/22-192
DME-5620	JAN 1N5620	20	M39029/22-192
DME-4006	1N4006	20	M39029/22-192

Electronic In-Line Junctions Integral Fuse

Terminating with the M81714, Series II Socket Contact



DME PART NUMBERS.

Fuses meet the requirements of MIL-F-23419, Type FM04.

Part Number	Fuse Rating		Size	Contact P/N
	Amps	Volts		
DME-F01	1/16	125	20	M39029/22-192
DME-F02	1/8	125	20	M39029/22-192
DME-F03	1/4	125	20	M39029/22-192
DME-F04	3/8	125	20	M39029/22-192
DME-F05	1/2	125	20	M39029/22-192
DME-F06	3/4	125	20	M39029/22-192
DME-F07	1	125	20	M39029/22-192
DME-F08	1-1/2	125	20	M39029/22-192
DME-F09	2	125	20	M39029/22-192
DME-F10	2-1/2	125	20	M39029/22-192
DME-F11	3	125	20	M39029/22-192
DME-F12	3-1/2	125	20	M39029/22-192
DME-F13	4	125	20	M39029/22-192
DME-F14	5	125	20	M39029/22-192
DME-F15	7	125	20	M39029/22-192
DME-F16	10	125	20	M39029/22-192