



NOTES: UNLESS OTHERWISE SPECIFIED.

1. ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: DC - 18 GHz
- 1.2 IMPEDANCE: 50 OHMS
- 1.3 VSWR: 1.05+.008f (IN GHz)
- 1.4 AVERAGE POWER: 2W MAX @ 25°C DERATED TO 1W @ 125°C

2. MECHANICAL SPECIFICATIONS:

- 2.1 INTERFACE: PER MIL-STD-348A, SERIES SMP
- 2.2 MATING DURABILITY: 100 MATINGS
- 2.3 CENTER CONTACT RETENTION: 1.5 LBS MIN AXIAL
- 2.4 ENGAGEMENT FORCE: 15.0 LBS MAX (FULL DETENT)
10.0 LBS MAX (LIMITED DETENT)
2.0 LBS MAX (SMOOTH BORE)
- 2.5 DISENGAGEMENT FORCE: 5.0 LBS MIN (FULL DETENT)
2.0 LBS MIN (LIMITED DETENT)
0.5 LBS MIN (SMOOTH BORE)

3. ENVIRONMENTAL SPECIFICATIONS:

- 3.1 OPERATING TEMPERATURE: -65° TO +125°C
- 3.2 THERMAL SHOCK: PER MIL-STD-202, METHOD 107, CONDITION B.
- 3.3 MECHANICAL SHOCK: PER MIL-STD-202, METHOD 213, CONDITION 1.
- 3.4 SALT SPRAY: PER MIL-STD-202, METHOD 101, CONDITION B.

4. DIMENSIONS IN BRACKETS ARE MILLIMETERS.

5. MARKING:

MIDWEST MICROWAVE
TRM-2109-F0-SMP-09

		Midwest Microwave	
	RoHS <input checked="" type="checkbox"/> 2002/95/EC	Title: SMP FEMALE TERM	
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<small>INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.</small>	Size A	DO NOT SCALE DRAWING	Date: 10/10/2013
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