

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)

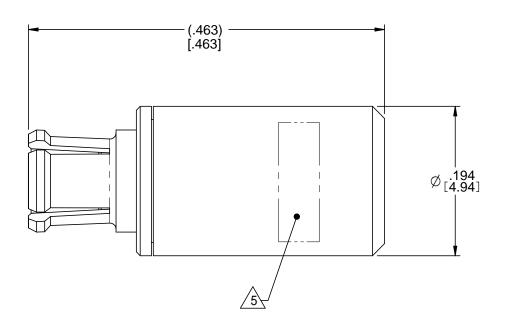
2.5 DISENGAGEMENT FORCE: 5.0 LBs MIN (FULL DETENT)

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.



MIDWEST MICROWAVE TRM-2109-F0-SMP-09



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		RoHS 2002/95/EC	Title: SMP FEMALE TERM
		UNLESS OTHERWISE SPECIFIED UNITS: INCH .XX ±.02 .XXX ±.005	Model No. TRM-2109-F0-SMP-09
	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.	ANGLES ±2°	A DO NOT SCALE Date: 10/10/2013 Sheet 1 of 1