

NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIALS & FINISH:

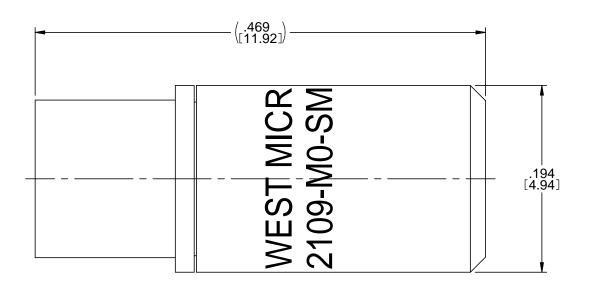
- 1.1 BODY (INTERFACE): GOLD PLATED BERYLLIUM COPPER
- 1.2 BODY (REAR): GOLD PLATED BRASS
- 1.3 DIELECTRIC: PTFE (TEFLON)
- 1.4 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER

2. ELECTRICAL SPECIFICATIONS:

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

3. MECHANICAL SPECIFICATIONS:

- 3.1 INTERFACE: PER MIL-STD-348A, SREIES SMP
- 3.2 MATING DURABILITY: 100 MATINGS
- 3.3 CENTER CONTACT RETENTION: 1.5 LBs MIN AXIAL
- 3.4 ENGAGEMENT FORCE: 15.0 LBs MAX (FULL DETENT)
 - 10.0 LBs MAX (LIMITED DETENT) 2.0 LBs MAX (SMOOTH BORE)
- 3.5 DISENGAGEMENT FORCE: 5.0 LBs MAX (SMOOTH BORE)
 - 2.0 LBs MAX (LIMITED DETENT)
 - 0.5 LBs MAX (SMOOTH BORE)
- 4. ENVIRONMENTAL SPECIFICATIONS:
- 4.1 OPERATING TEMPERATURE: -65° TO +125°C
- 4.2 THERMAL SHOCK: PER MIL-STD-202, METHOD 107, CONDITION B.
- 4.3 MECHANICAL SHOCK: PER MIL-STD-202, METHOD 213, CONDITION 1.
- 4.4 SALT SPRAY: PER MIL-STD-202, METHOD 101, CONDITION B.
- 5. DIMENSIONS IN BRACKETS ARE MILLIMETERS.



1	EMPERSON Network Power Connectivity Solutions This PROPRIETARY Document is properior of tension tension of the confederate in pattern to confederate in pattern the confederate in pattern the confederate in pattern the data market and the tension of tension of the confederate in the tension of the confederate in the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of the tension of tension of the tension of tension		Midwest Microwave			
		RoHS 2002/95/EC	Title: SMP MALE TERMINATION			
		UNLESS OTHERWISE SPECIFIED UNITS: INCH .XX ±.02 .XXX ±.005 ANGLES ±2°	Model No. TRM-2109-M0-SMP-09			
	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.		Size A	DO NOT SCALE DRAWING	Date: 10/22/2013	Sheet 1 of 1