

MODEL NUMBER

134-1099-071

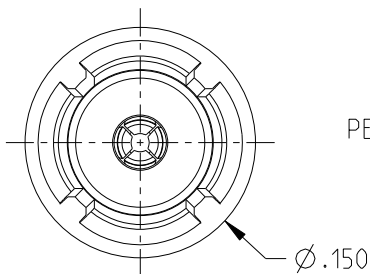
NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL & FINISH:

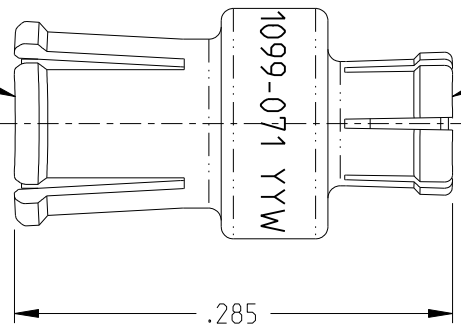
- 1.1 BODY & CONTACT: GOLD PLATED BERYLLIUM COPPER
- 1.2 INSULATOR: PTFE (TEFLON)

2. SPECIFICATIONS.

- 2.1 FREQ. RANGE: 0-40 GHz  
VSWR: 0-18 GHz 1.15  
18-26.5 GHz 1.25  
26.5-40 GHz 1.45 MAX
- 2.2 I.L. (dB MAX AT 10 GHz):  $0.12\sqrt{F}$  (GHz)
- 2.3 335 VRMS MAX AT SEA LEVEL, 65 VRMS MAX AT 70,000 FT.
- 2.6 DWV: 500 VRMS MIN AT SEA LEVEL
- 2.7 RF HIGH POTENTIAL WITHSTANDING VOLTAGE:  
325 VRMS MIN AT SEA LEVEL, TESTED AT 4 & 7 MHz
- 2.8 CORONA LEVEL: 190 VRMS MIN. AT 70,000 FEET



SMP INTERFACE  
PER MIL-STD-348  
FIG. 326-1



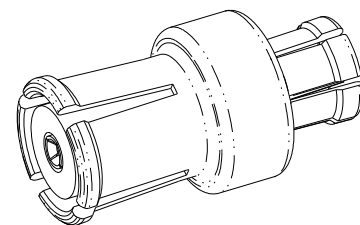
SMPM INTERFACE  
PER MIL-STD-348  
FIG. 328-1

3. MECHANICAL:

- 3.1 SMP FULL DETENT:
  - 3.1.1 ENGAGE FORCE: 15.0 LBS TYP. MAX.
  - 3.1.2 DISENGAGE FORCE: 5.0 LBS TYP. MIN.
  - 3.1.3 CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
  - 3.1.4 MISALIGNMENT: RADIAL .010 +/- .010, AXIAL .010 (FLUSH TO -.010 FROM REF. PLANE).
  - 3.1.5 DURABILITY: 100 CYCLES MIN
- 3.2 SMPM FULL DETENT:
  - 3.2.1 ENGAGE FORCE: 4.5 LBS TYP. MAX.
  - 3.2.2 DISENGAGE FORCE: 6.5 LBS TYP. MIN.
  - 3.2.3 CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
  - 3.2.4 MISALIGNMENT: RADIAL .010 +/- .010, AXIAL .010 (FLUSH TO -.010 FROM REF. PLANE).
  - 3.2.5 DURABILITY: 100 CYCLES MIN

4. ENVIRONMENTAL:

- 4.1 OPERATING TEMPERATURE: -65°C TO 165°C
- 4.2 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B (EXCEPT HIGH TEMP OR MAX OF CABLE.)
- 4.3 MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
- 4.4 CORROSION: MIL-STD-202, METHOD 101, CONDITION B.
- 4.4 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D.
- 4.5 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, EXCEPT STEP 7B



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	<p>RoHS2 <input checked="" type="checkbox"/></p> <p>2015/863/EU</p>	<p>Title: ADAPTER, SMP/SMPM BULLET</p>	
<p>UNLESS OTHERWISE SPECIFIED UNITS: INCH</p> <p>.XX ±.02</p> <p>.XXX ±.010</p> <p>ANGLES ±2°</p>	<p>Model No.</p> <p>C_134-1099-071/080</p>	<p>Size</p> <p>A</p>	<p>DO NOT SCALE DRAWING</p> <p>Date: 4/21/2020</p>
		<p>Sheet</p> <p>1 OF 1</p>	

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