

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)

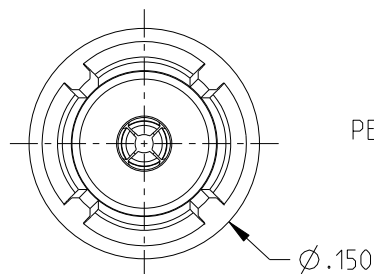
2.3 335 VRMS MAX AT SEA LEVEL, 65 VRMS MAX
AT 70,000 FT.

2.6 DWV: 500 VRMS MIN AT SEA LEVEL

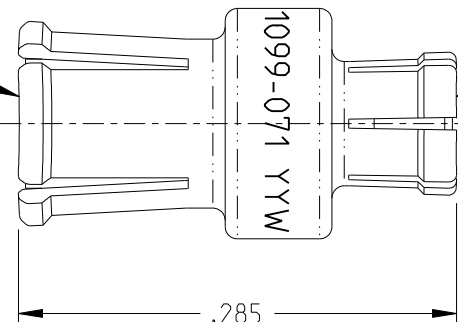
2.7 RF HIGH POTENTIAL WITHSTANDING VOLTAGE:

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

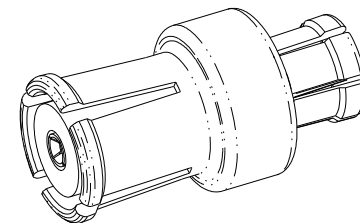
4.2 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
(EXCEPT HIGH TEMP OR MAX OF CABLE.)

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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		Title: ADAPTER, SMP/SMPM BULLET Model No. C_134-1099-071/080	Size A DO NOT SCALE DRAWING Date: 4/21/2020 Sheet 1 OF 1