

PART NUMBER	REV	ECO	DATE
134-1000-033	1	INITIAL RELEASE	04SEP2020

NOTES:

1. MATERIAL AND FINISH:

- 1.1 BODY: STAINLESS STEEL, PASSIVATED  
BERYLLIUM COPPER, GOLD PLATE
- 1.2 CONTACT: BERYLLIUM COPPER, GOLD PLATE
- 1.3 INSULATOR: ULTEM 1000, AMBER
- 1.4 GASKET: SILICONE, RED

2. ELECTRICAL SPECIFICATIONS:

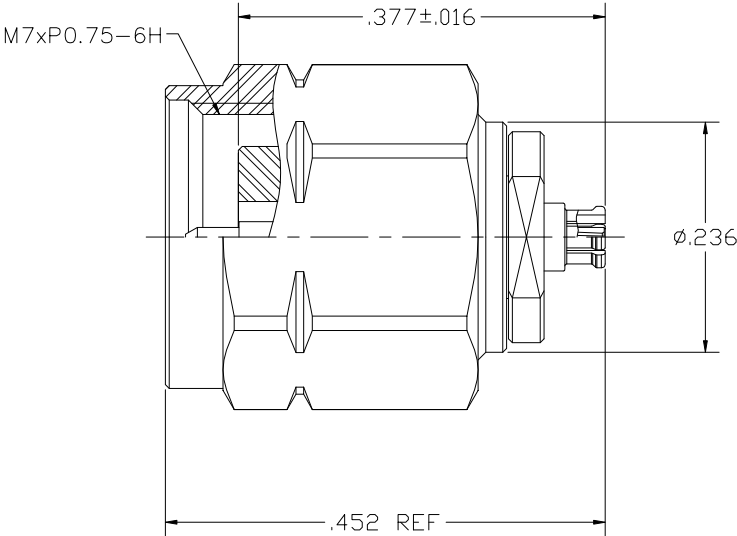
- 2.1 IMPEDANCE: 50 OHMS NOMINAL
- 2.2 FREQUENCY RANGE: DC~67 GHz
- 2.3 VSWR: 1.30 MAX
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: 250 VRMS MIN
- 2.5 INSULATION RESISTANCE: 3500 MEGOHM MIN
- 2.6 CONTACT RESISTANCE:
  - 2.6.1 CENTER CONTACT - 6.0 MILLIOHM MAX
  - 2.6.2 OUTER CONDUCTOR - 2.0 MILLIOHM MAX



3. MECHANICAL SPECIFICATIONS:

- 3.1 ENGAGE/DISENGAGE FORCE: 0.23 Nm MAX (1.85MM)  
2.5 LBS MAX/4.5 LBS MAX (SMP3 FULL DETENT)  
1.2 LBS MAX/1 LBS MAX (SMP3 SMOOTH BORE)
- 3.2 COUPLING NUT RETENTION: 267 N MIN
- 3.3 COUPLING PROOF TORQUE: 1.65 Nm MIN
- 3.4 CONTACT RETENTION: 20 N MIN
- 3.5 DURABILITY: 500 CYCLES MIN (1.85MM)  
100 CYCLES MIN (SMP3 FULL DETENT)  
500 CYCLES MIN (SMP3 SMOOTH BORE)

4. ENVIRONMENTAL:

- (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
- 4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
  - 4.2 OPERATING TEMPERATURE: -65°C TO 165°C
  - 4.3 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
  - 4.4 MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
  - 4.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D



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	RoHS <input checked="" type="checkbox"/> (EU)/2015/863 COMPLIANT	Cage Code	Title: ADAPTER ASSEMBLY, 1.85MM MALE TO SMP3 FEMALE
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	3RD ANGLE PROJECTION 	Drawing No. 134-1000-033
	.XXX±.008 .XXXX±.004 ANGLES±5°	Drawn by: TOMMY REN Date: 09/04/2020	REV. 1
Size B		DO NOT SCALE DRAWING	Workmanship Std: NONE Sheet 1 OF 1

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