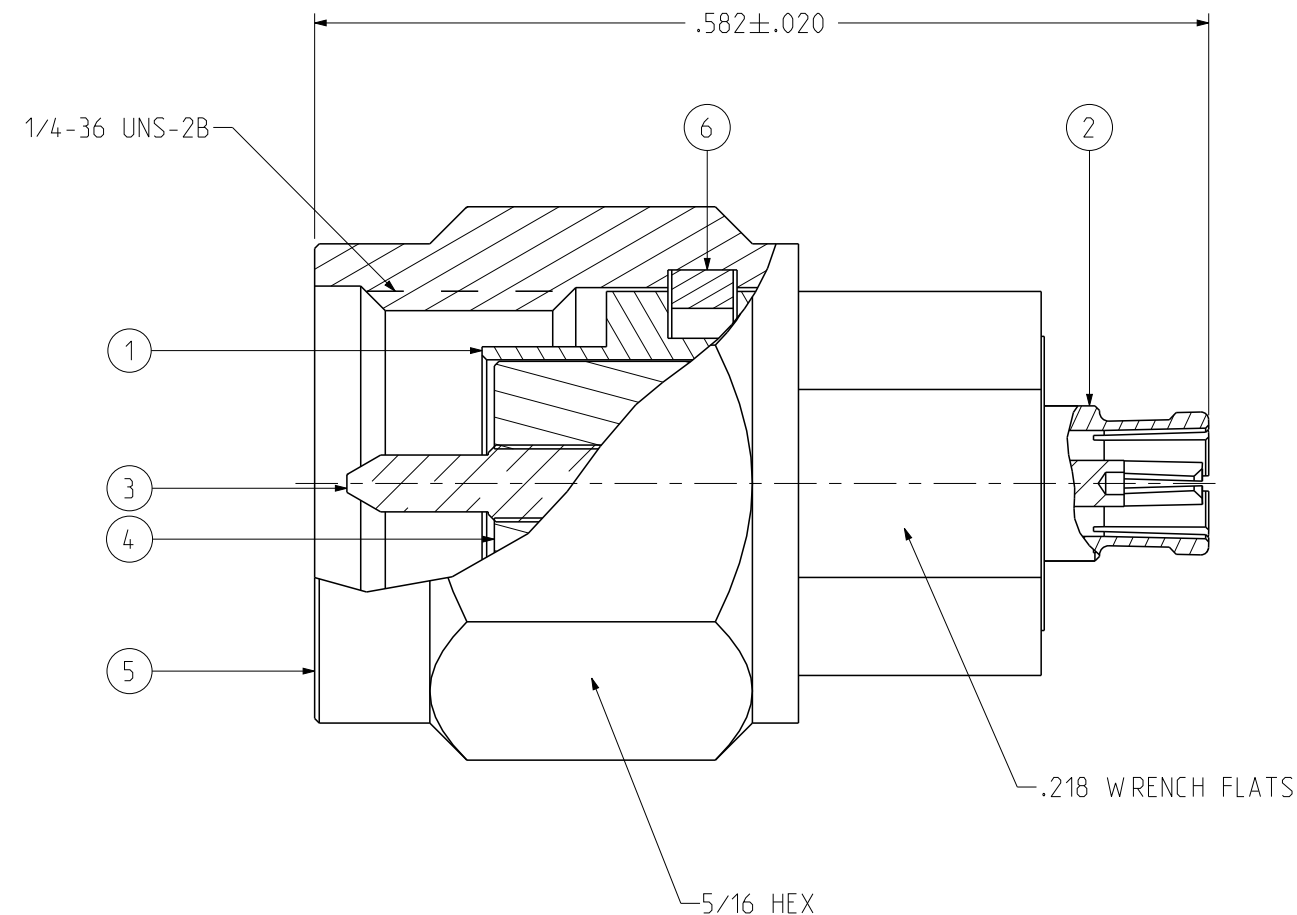


PART NUMBER	ITEM ① BODY, SMA	ITEM ② BODY, SMPM	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ COUPLING NUT	ITEM ⑥ COUPLING SPRING
134-1001-002	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER UNPLATED

REV	ECO	DATE
1	INITIAL RELEASE	15APR2020
2	EC-2007007	07JUL2020
3	EC-2108016	25AUG2021



NOTES:

1. ELECTRICAL SPECIFICATIONS:

- 1.1 IMPEDANCE: 50 OHMS
- 1.2 FREQUENCY RANGE: DC-26.5 GHz
- 1.3 VSWR: 1.25 MAX. DC-18 GHz
1.30 MAX. 18-26.5 GHz
- 1.4 INSERTION LOSS: $0.12\sqrt{F}$ dB MAX (F IN GHz)
- 1.5 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
- 1.6 DIELECTRIC WITHSTANDING VOLTAGE: 325 VRMS MIN AT SEA LEVEL
- 1.7 INSULATION RESISTANCE: 5000 MEGOHM MIN
- 1.8 CONTACT RESISTANCE:
 - 1.8.1 CENTER CONTACT - INTIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 - 1.8.2 OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
- 1.9 RF LEAKAGE: NOT APPLICABLE

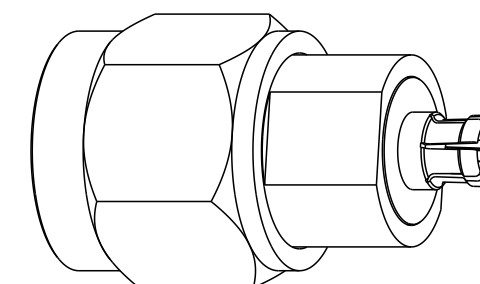
2. MECHANICAL SPECIFICATIONS:

- 2.1 ENGAGEMENT FORCE: SMPM FULL DETENT (FD) 4.5 LBS TYPICAL, DISENGAGEMENT FORCE: FD 6.5 LBS TYPICAL
- 2.2 ENGAGE/DISENGAGE TORQUE (SMA): 2 IN LBS MAX
- 2.3 MATING TORQUE (SMA): 7-10 IN LBS MAX
- 2.4 DURABILITY: 500 CYCLES MIN (SMA), 100 CYCLES MIN (SMPM FD)

3. ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)

- 3.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
- 3.2 OPERATING TEMPERATURE: -65 °C TO 165 °C
- 3.3 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
- 3.4 SHOCK: MIL-STD-202, METHOD 213, CONDITION B
- 3.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
- 3.6 MOISTURE: MIL-STD-202, METHOD 106



SCALE 4:1

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	RoHS <input checked="" type="checkbox"/> (EU)/2015/863 COMPLIANT	Cage Code	Drawing No. 134-1001-002
	UNLESS OTHERWISE SPECIFIED UNITS: INCH .XX ± .01 .XXX ± .003 .XXXX ± .0010 ANGLE ± 2°	3RD ANGLE PROJECTION 	Rev. 3
	Date: 4/15/2020	Drawn by: Roman.Yao	Size B
		DO NOT SCALE DRAWING	Workmanship Std/Sheet NONE
			1 OF 1