PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
145-0701-841	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	TEFLON

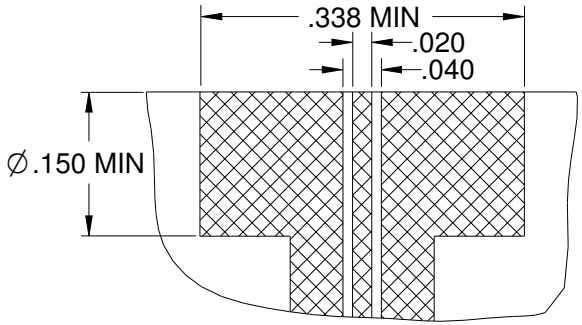
REV	ECO	DATE
1	ECO-19-0006	2/26/2019
1A	ECO-19-0032	7/25/2019
2	EC-2511012	11/26/2025

SPECIFICATION:

ELECTRICAL:
- IMPEDANCE: 50 OHMS
- FREQUENCY RANGE: 0-40 GHz
- VSWR: 1.5 MAX
- INSERTION LOSS: 0.05 √F dB MAX (F IN GHz)
- WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
- DIELECTRIC WITHSTANDING VOLTAGE: 1000VRMS MIN AT SEA LEVEL
- INSULATION RESISTANCE: 5000 MEGOHM MIN
- CONTACT RESISTANCE:
  - CENTER CONTACT - INITIAL 3 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
  - OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
- RF LEAKAGE: -90dB TYPICAL AT 2.5GHz

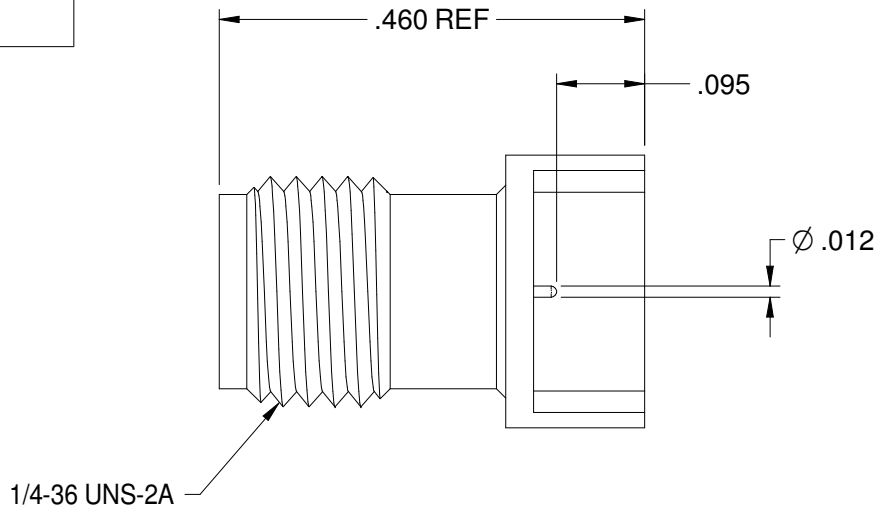
MECHANICAL:
- ENGAGEMENT/DISENGAGEMENT FORCE: 2 INCH-POUNDS MAX
- MATING TORQUE: 7 TO 10 INCH-POUNDS
- DURABILITY: 500 CYCLES MIN

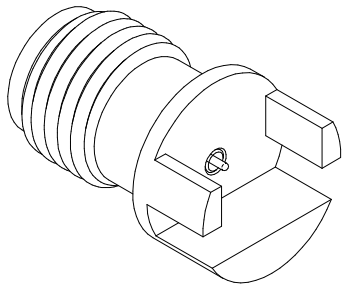
ENVIRONMENTAL:
- OPERATING TEMPERATUR: -40 TO 85℃
- THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
- CORROSION: MIL-STD-202, METHOD 101, CONDITION B
- SHOCK: MIL-STD-202, METHOD 213, CONDITION I
- VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
- MOISTURE RESISTANCE: MIL-STD-202, MEHTOD 106

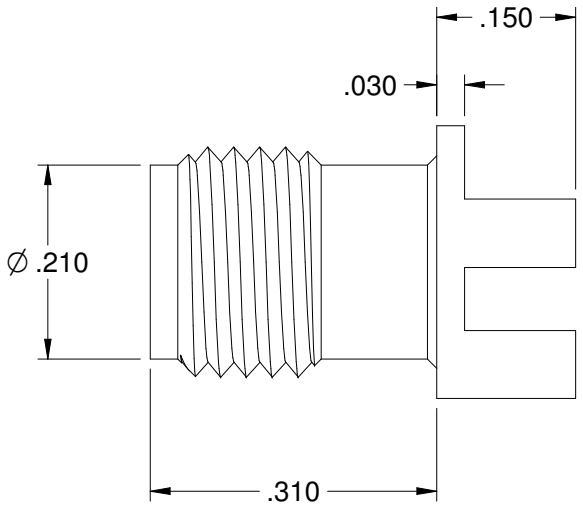


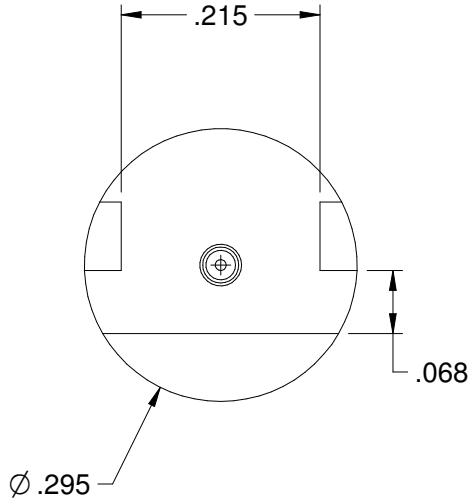
RECOMMENDED PCB LAYOUT

NOTE: THIS PATTERN IS FOR REFERENCE ONLY. PATTERN MAY VARY DEPENDING ON ASSEMBLY PROCESS, BOARD TYPE, OR SPECIFIC ELECTRICAL OR MECHANICAL REQUIREMENTS.









cinch	Material: SEE NOTE	Model No. 145-0701-841		JOHNSON
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	Workmanship Std:	UNLESS OTHERWISE SPECIFIED UNITS: INCH .XX ±.01 .XXX ±.003 .XXXX ±.0010 ANGLES ±1°00'	3RD ANGLE PROJECTION	Drawing No. 145-0701-841 Rev. 2
			Drawn by: R.SHEN	
			Date: 2/26/2019	Size B DO NOT SCALE DRAWING Sheet 1 of 1

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