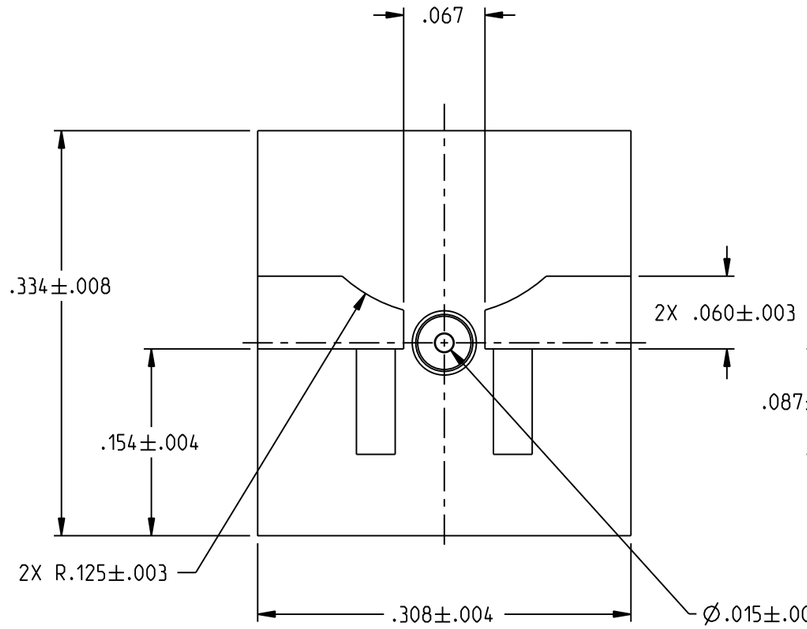
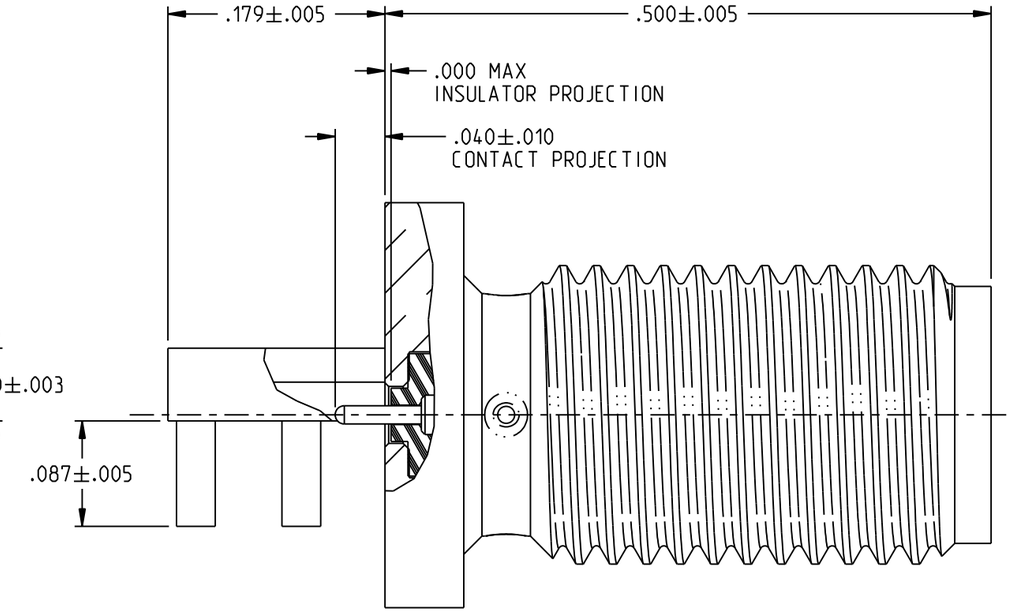
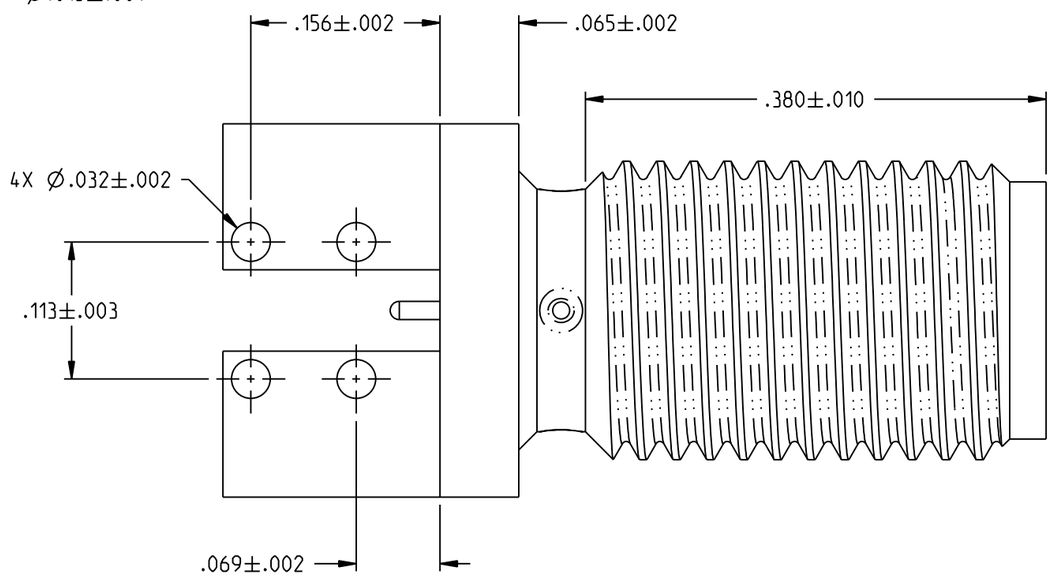






SECTION A-A



NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL AND FINISH:
   1.1 BODY: NICKEL PLATED BRASS
   1.2 CONTACT: GOLD PLATED BERTLLIUM COPPER
   1.3 INSULATOR: PTFE (TEFLON)

2. ELECTRICAL SPECIFICATIONS:
   2.1 IMPEDANCE: 50 OHMS
   2.2 FREQUENCY RANGE: 0 - 26.5 GHz
   2.3 VSWR: DEPENDANT ON APPLICATION
   2.4 WORKING VOLTAGE: 170 VRMS MAX AT SEA LEVEL
   2.5 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
   2.6 INSULATION RESISTANCE: 1000 MEGOHMS MIN
   2.7 CONTACT RESISTANCE:
       CENTER CONTACT: INTIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL
       4.0 MILLIOHM MAX
       OUTER CONDUCTOR: INITIAL 2.0 MILLIOHM MAX
       AFTER ENVIRONMENTAL N/A
   2.8 CORONA LEVEL: 125 VOLTS MIN AT 70,000 FEET
   2.9 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 335 VRMS AT 4 & 7 MHz

3. MECHANICAL SPECIFICATIONS:
   3.1 ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
   3.2 MATING TORQUE: 7-10 INCH-POUNDS WHEN BODY SUPPORTED WITH WRENCH
       8 INCH POUNDS MAX UNSUPPORTED
   3.3 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE ON MATING END
       4 IN-OZ MIN RADIAL TORQUE
   3.4 DURABILITY: 500 CYCLES MIN

4. ENVIRONMENTAL:
   (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
   4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B,
       EXCEPT 115°C HIGH TEMP
   4.2 OPERATING TEMPERATURE: -65°C TO 165°C
   4.3 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
   4.4 SHOCK: MIL-STD-202, METHOD 213, CONDITION I
   4.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
   4.6 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

cinch CONNECTIVITY SOLUTIONS	3RD ANGLE PROJECTION	**JOHNSON**
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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.	UNLESS OTHERWISE SPECIFIED UNITS: INCH .XX ±.02 .XXX ±.005 ANGLES ±2°	Model No. 142-1721-851/860
	Size B | DO NOT SCALE DRAWING | Date: 10/28/2016	Sheet 1 OF 1

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