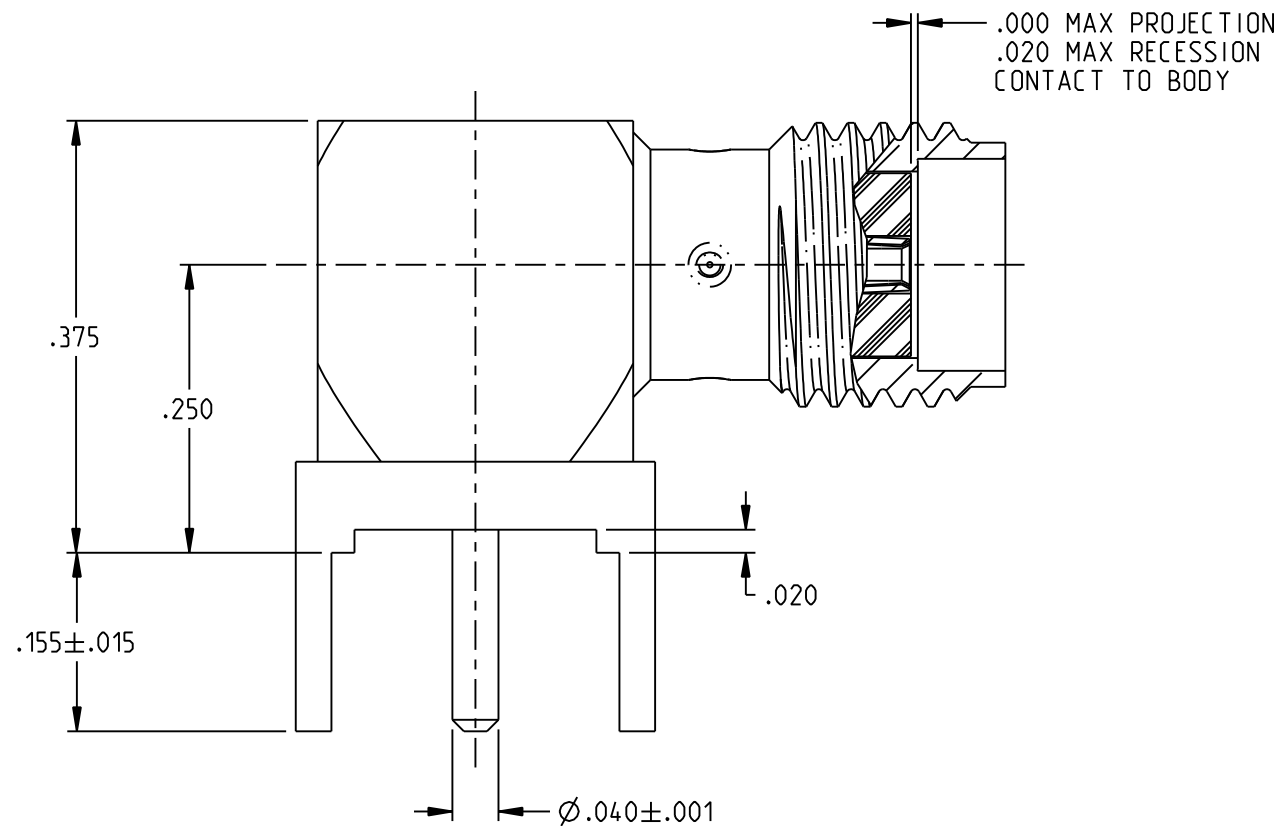
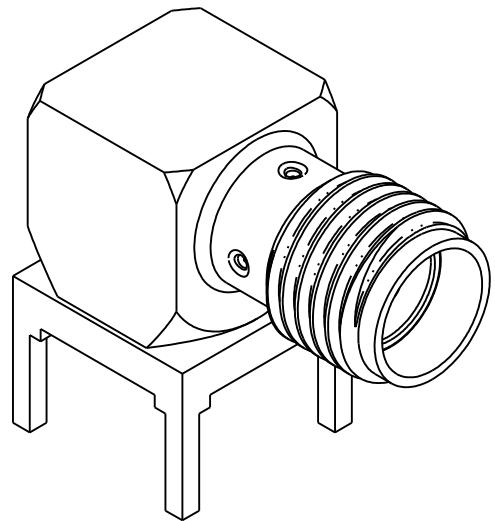




NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL & FINISH:

- 1.1 BODY & BASE: (142-0701-321) GOLD PLATED BRASS
(142-0701-326 & 142-0701-327) NICKEL PLATED BRASS
1.2 INSULATORS: PTFE (TEFLON)
1.3 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER

2. ELECTRICAL SPECIFICATIONS:

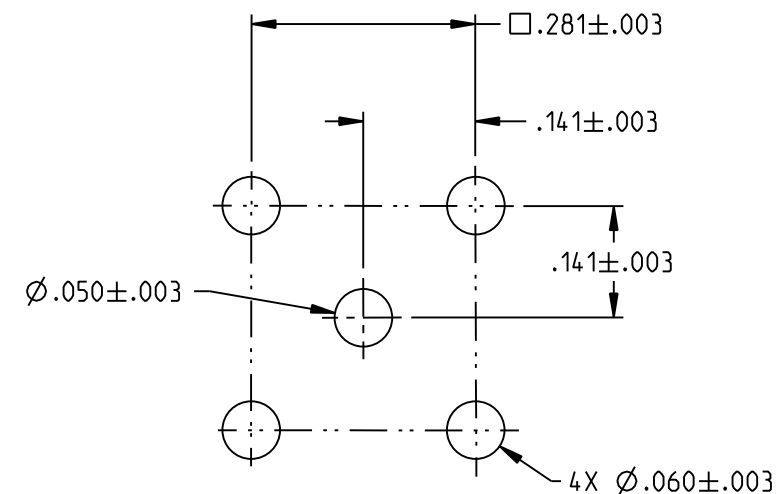
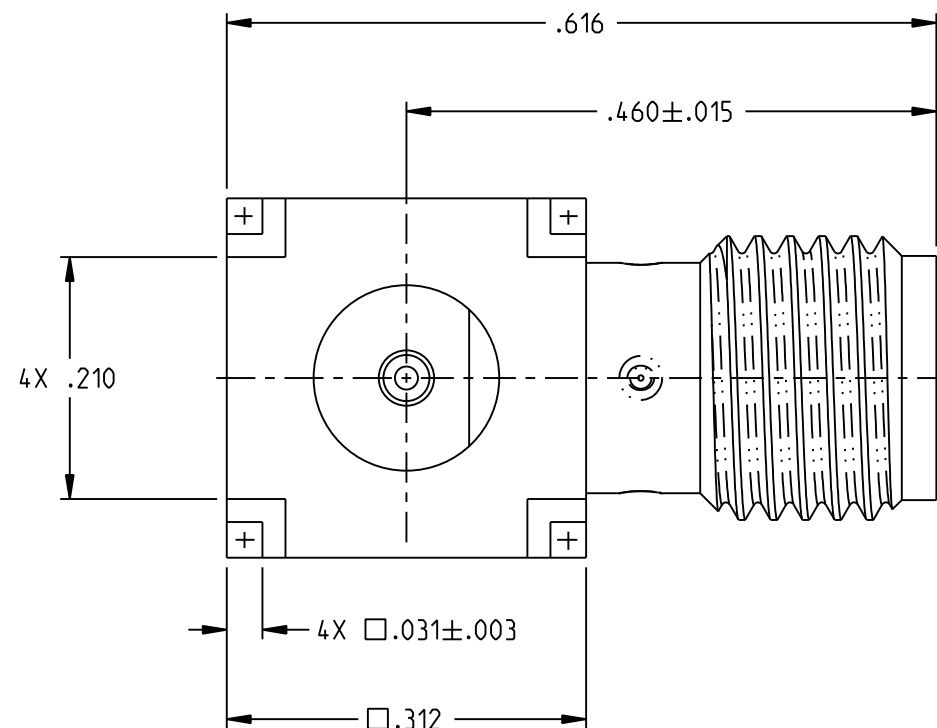
- 2.1 IMPEDANCE: 50 OHMS
2.2 FREQUENCY RANGE: 0.5-18 GHz
2.3 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
2.4 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS
MIN AT SEA LEVEL
2.5 INSULATION RESISTANCE: 5000 MEGOHM MIN
2.6 CONTACT RESISTANCE:
2.6.1 CENTER CONTACT: INITIAL 3.0 MILLIOHM MAX.
AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX.
2.6.2 OUTER CONDUCTOR: INITIAL 2.0 MILLIOHM MAX
2.7 CORONA LEVEL: 250 MIN VOLTS AT 70,000 FEET
2.8 RF HIGH POTENTIAL WITHSTANDING VOLTAGE:
670 VRMS AT 4 & 7 MHz MIN

3. MECHANICAL SPECIFICATIONS:

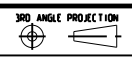
- 3.1 ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
3.2 MATING TORQUE: 7-10 INCH POUNDS
3.3 COUPLING PROOF TORQUE: 15 INCH POUNDS MIN
3.4 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE.
3.5 DURABILITY: 500 CYCLES MIN.

4. ENVIRONMENTAL:

- (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
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



MOUNTING HOLE LAYOUT

 This PROPRIETARY Document is property of Cinch Connectivity Solutions. It is confidential in nature, non-transferable, and issued with the clear understanding that it is not to be traced or copied without permission and is returnable upon demand. INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.		JOHNSON
	RoHS2 ☒ 2011/65/EU	Title: JACK ASSEMBLY, RA PC MOUNT SMA
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	Model No. 142-0701-321/330
	Size B DO NOT SCALE DRAWING	Date 9/9/2019 Sheet 1 OF 1