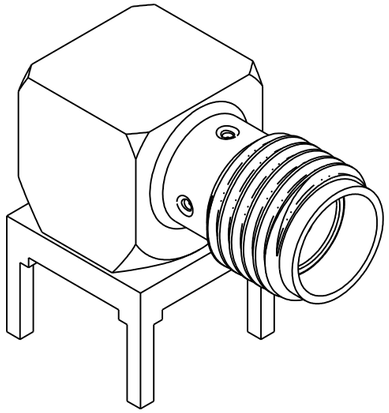
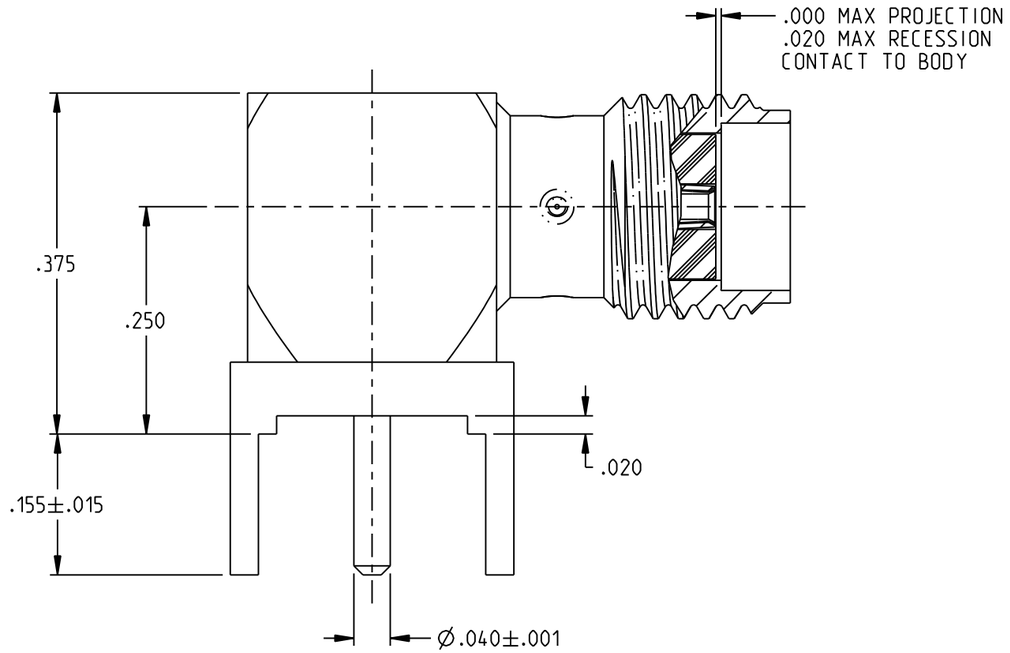




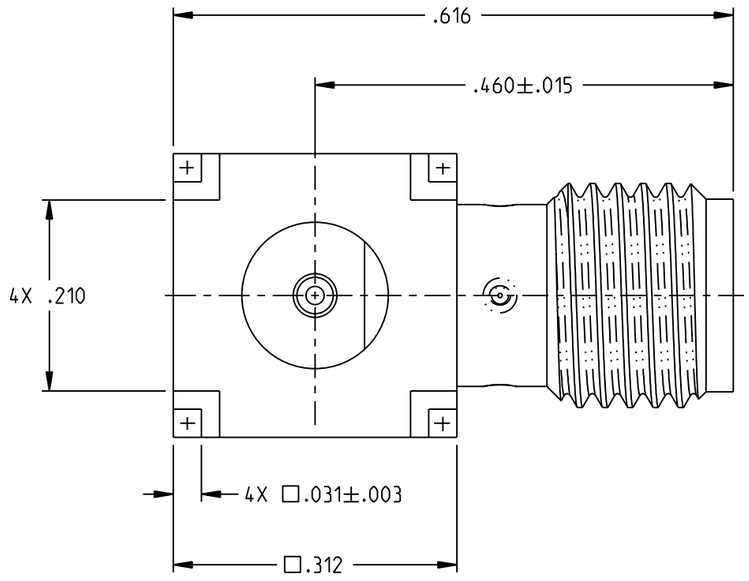
NOTES: UNLESS OTHERWISE SPECIFIED.

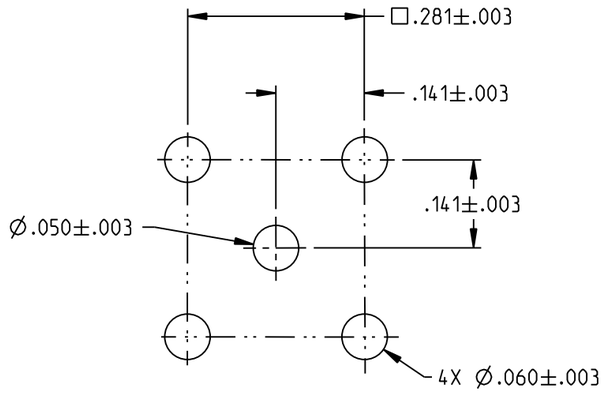
1. MATERIAL & FINISH:
 1.1 BODY & BASE: (142-0701-321) GOLD PLATED BRASS
 (142-0701-326 & 142-0701-327) NICKEL PLATED BRASS
 1.2 INSULATORS: PTFE (TEFLON)
 1.3 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER

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 DURABLITY: 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

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.

3RD ANGLE PROJECTION

RoHS2 2011/65/EU

UNLESS OTHERWISE SPECIFIED UNITS: INCH
.XX ±.02
.XXX ±.010
ANGLES ±2°

Title:	JOHNSON JACK ASSEMBLY, RA PC MOUNT SMA
Model No.	142-0701-321/330
Size	B
DO NOT SCALE DRAWING	
Date:	9/9/2019
Sheet	1 OF 1

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