JOHNSON MODEL NO.	PACKAGING
142-0711-511	25 PIECES PER BAG
142-0711-512	TAPE AND REEL 250 PIECES PER FIG 1
142-0711-516	TAPE AND REEL 250 PIECES PER FIG 1

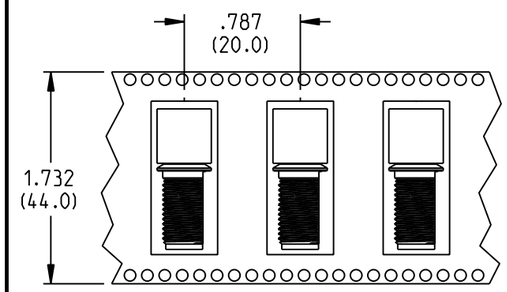
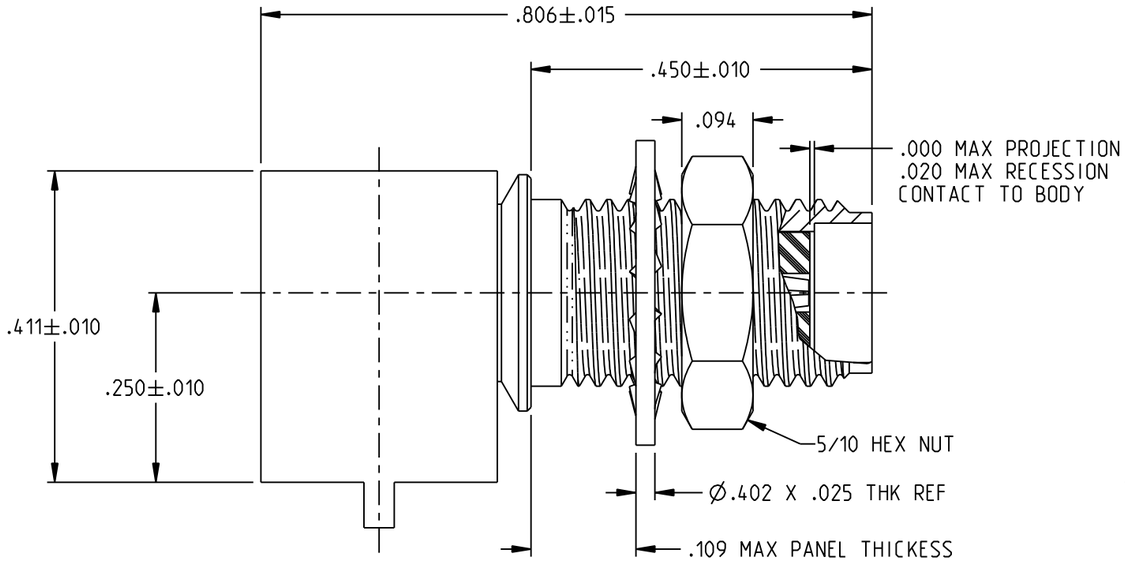
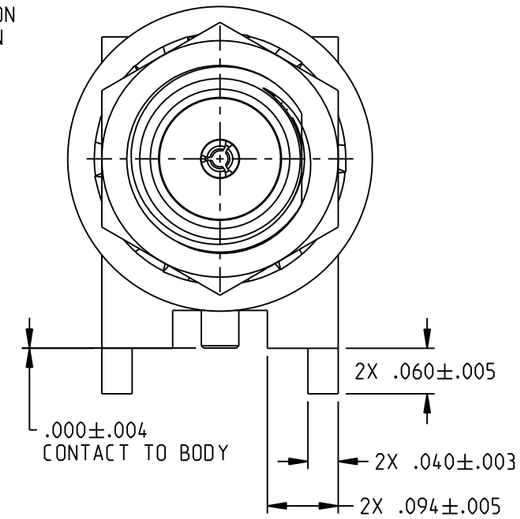


FIG 1





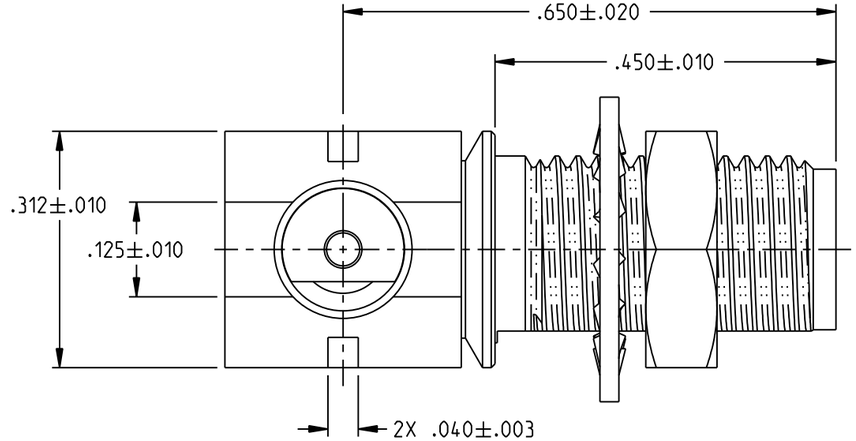
NOTES: UNLESS OTHERWISE SPECIFIED.

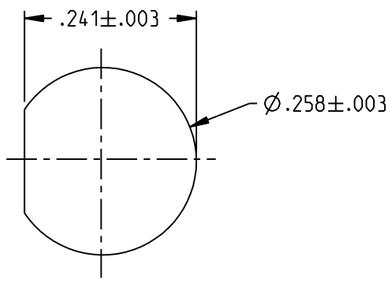
1. MATERIAL & FINISH:
 1.1 BODY:
 1.1.1 142-0711-511: GOLD PLATED BRASS
 1.1.2 142-0711-512: GOLD PLATED BRASS
 1.1.3 142-0711-516: NICKEL PLATED BRASS
1.2 INSULATOR: PTFE (TEFLON)
1.3 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER

2. ELECTRICAL SPECIFICATIONS:
 2.1 IMPEDANCE: 50 OHMS
 2.2 FREQUENCY: 0-18 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
 2.8 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 2.9 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 & 7 MHz

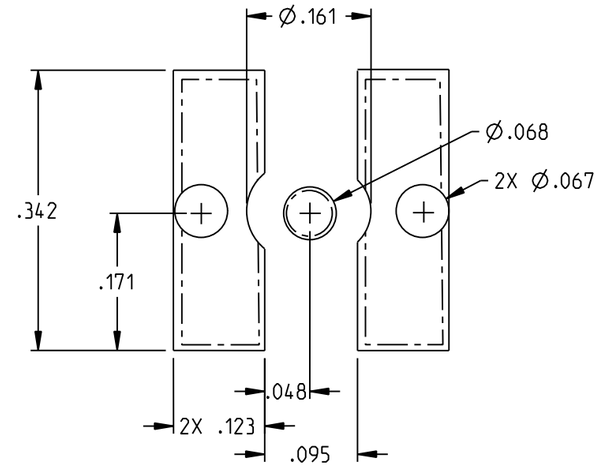
3. MECHANICAL SPECIFICATIONS:
 3.1 ENGAGE/DISENGAGE TORQUE: 2 IN-POUNDS MAX
 3.2 MATING TORQUE: 7-10 IN-POUNDS
 3.3 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 3.4 DURABILITY: 500 CYCLES MIN.

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





MOUNTING HOLE



RECOMMEDED LAND PATTERN

cinch CONNECTIVITY SOLUTIONS a bel group

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2018

3RD ANGLE PROJECTION

RoHS2 2015/863/EU

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

JOHNSON

Title: JACK ASSEMBLY, RA PC SURFACE MOUNT, BULKHEAD, SMA

Model No. 142-0711-511/520

Size	DO NOT SCALE DRAWING	Date:	Sheet
B		9/10/1999	1 OF 1

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