

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

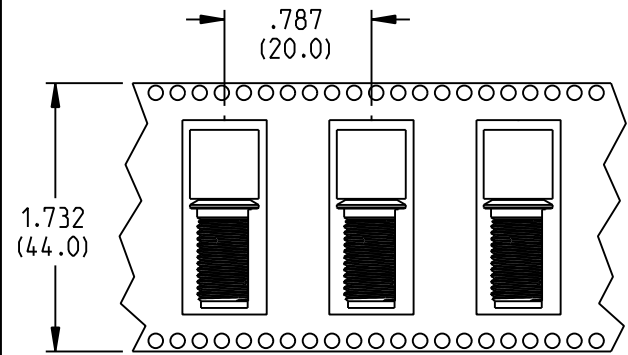
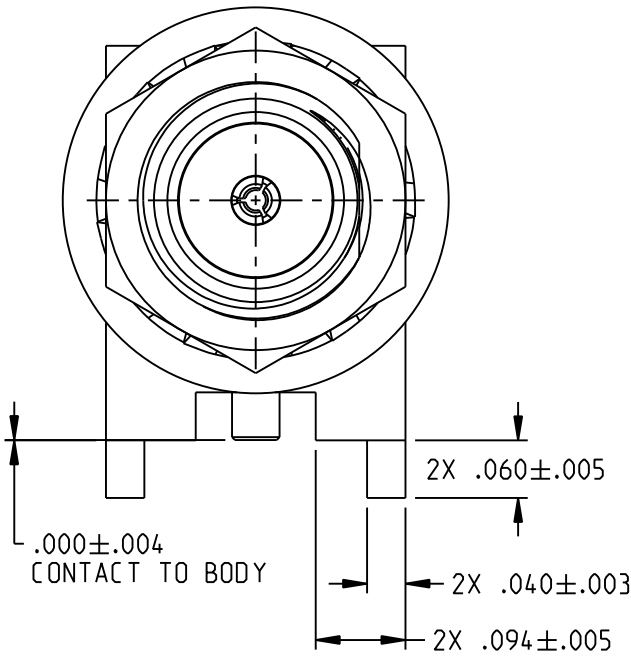
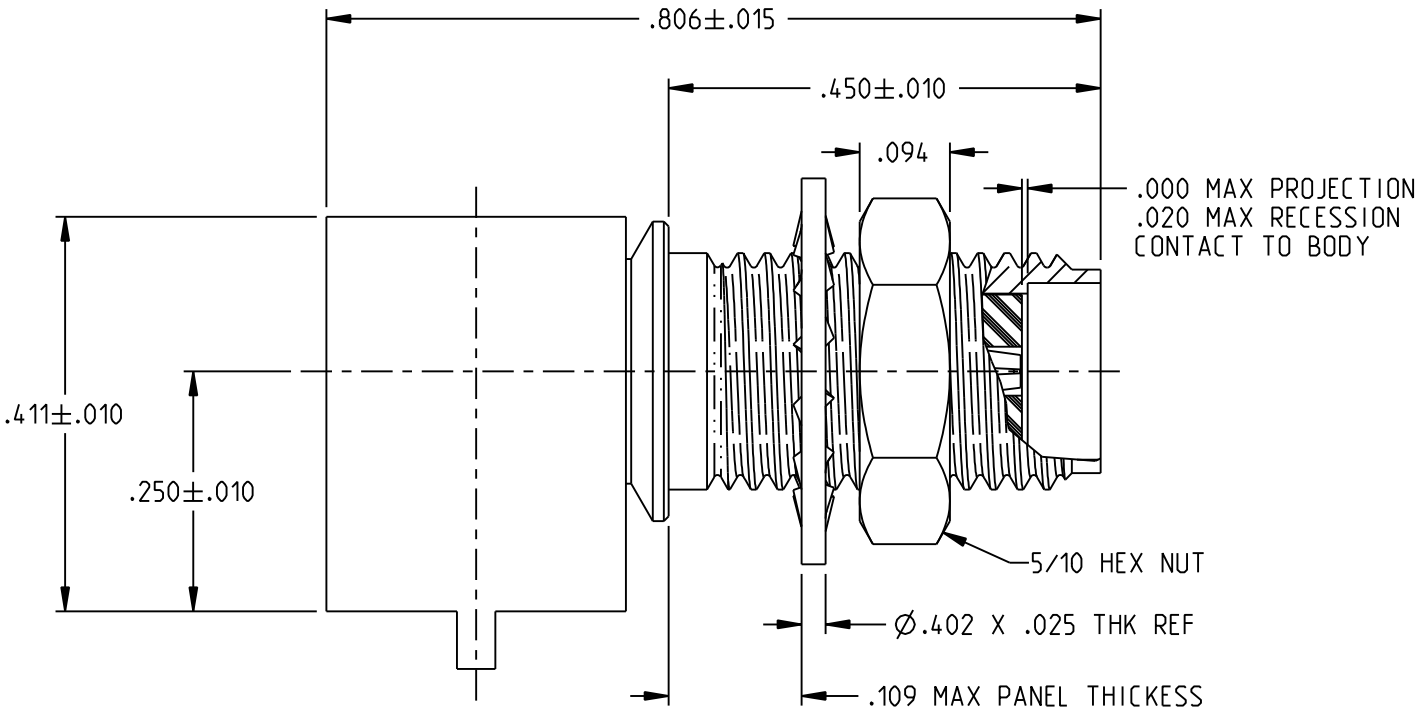


FIG 1

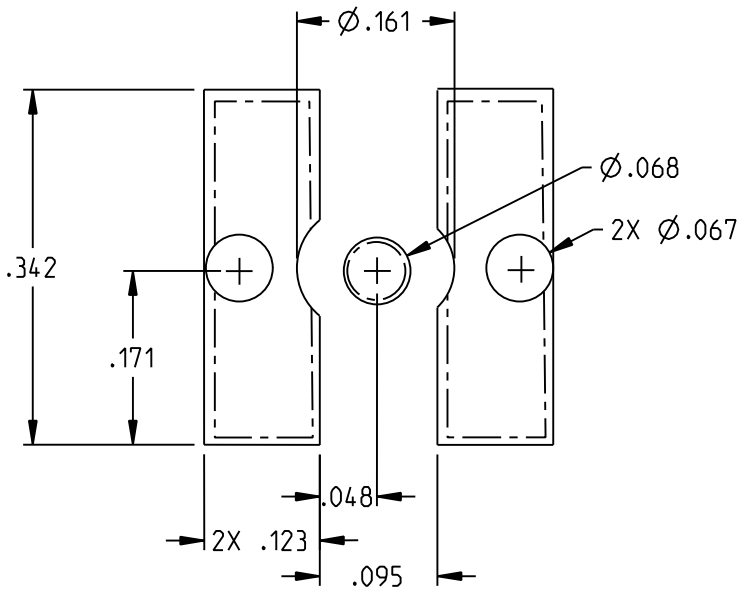
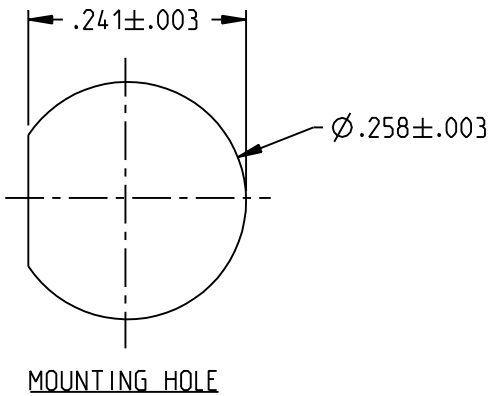
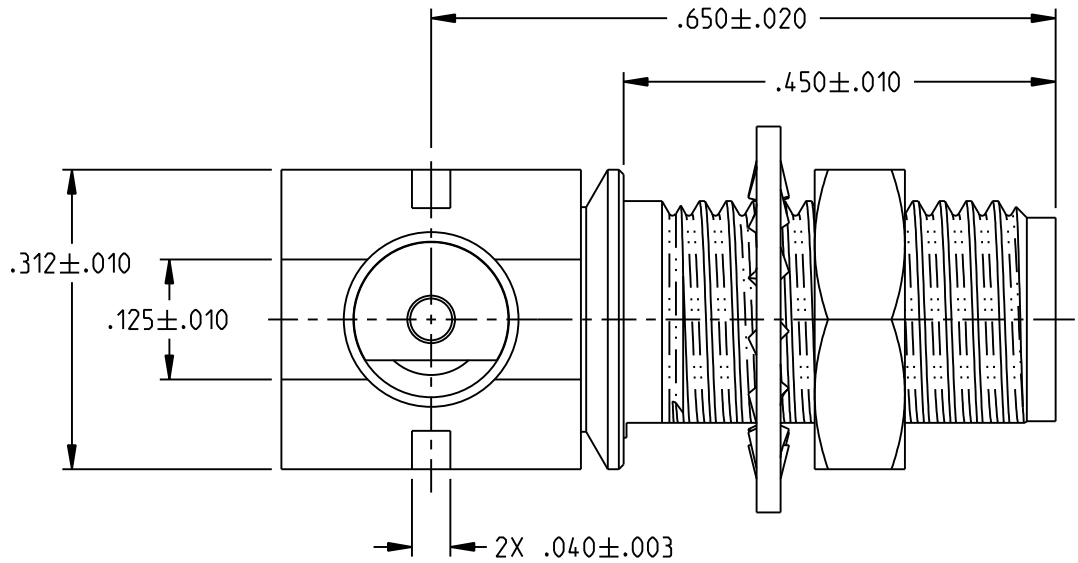


NOTES: UNLESS OTHERWISE SPECIFIED.

- MATERIAL & FINISH:
 - BODY:
 - 142-0711-511: GOLD PLATED BRASS
 - 142-0711-512: GOLD PLATED BRASS
 - 142-0711-516: NICKEL PLATED BRASS
 - INSULATOR: PTFE (TEFLON)
 - CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER
- ELECTRICAL SPECIFICATIONS:
 - IMPEDANCE: 50 OHMS
 - FREQUENCY: 0-18 GHz
 - WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 - DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 - INSULATION RESISTANCE: 5000 MEGOHM MIN
 - CONTACT RESISTANCE:
 - CENTER CONTACT: INITIAL 3.0 MILLIOHM MAX. AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX.
 - OUTER CONDUCTOR: INITIAL 2.0 MILLIOHM MAX
 - CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 - RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 & 7 MHz
- MECHANICAL SPECIFICATIONS:
 - ENGAGE/DISENGAGE TORQUE: 2 IN-POUNDS MAX
 - MATING TORQUE: 7-10 IN-POUNDS
 - CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 - DURABILITY: 500 CYCLES MIN.
- ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)

 - THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 - OPERATING TEMPERATURE: -65°C TO 165°C
 - 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, METHOD 106



RECOMMENDED LAND
PATTERN

 NOTICE: The information in this drawing is PROPRIETARY and must not be used without the permission of Cinch Connectivity Solutions. It may contain data whose export is restricted. Verify status prior to exporting. INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2018	 RoHS2 2015/863/EU UNLESS OTHERWISE SPECIFIED .XX ± .XXX ± ANGLES ±2°	JOHNSON	
		Title: JACK ASSEMBLY, RA PC SURFACE MOUNT, BULKHEAD, SMA Model No. 142-0711-511/520 Size B DO NOT SCALE DRAWING Date 9/10/1999 Sheet 1 OF 1	