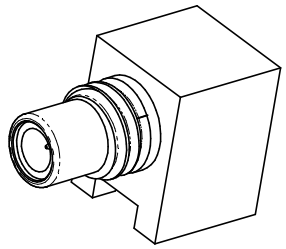
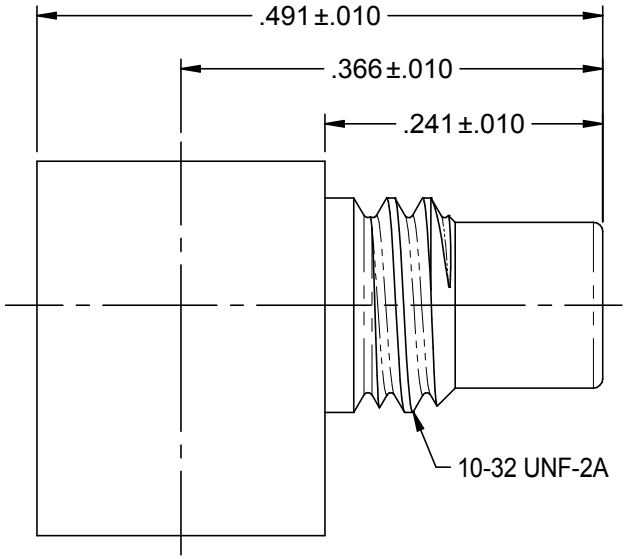
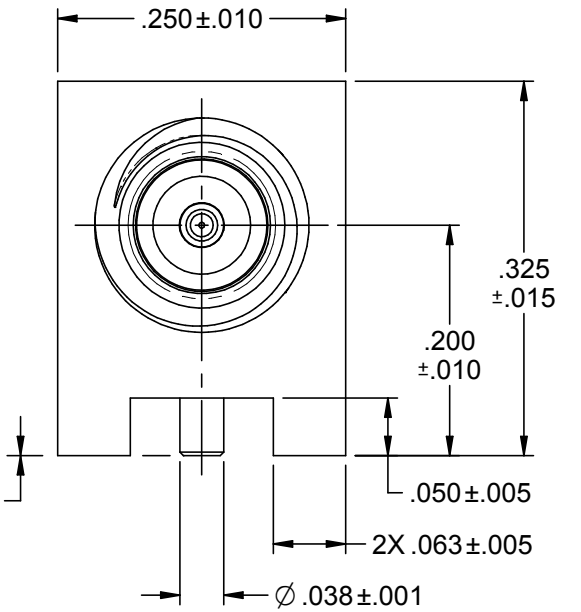
JOHNSON MODEL NO.	PACKAGING
131-6711-301	BULK PACK 25 PCS.
131-6711-302	TAPE & REEL 425 PCS PER FIG 1.
131-6711-305	BULK PACK 25 PCS. △5
131-6711-306	TAPE & REEL 425 PCS PER FIG 1. △5







NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL & FINISH:
   1.1 BODY:
   1.1.1 131-6711-301 & -302: GOLD PLATED BRASS
   1.1.2 131-6711-305 & -306: NICKEL PLATED BRASS
   1.2 INSULATORS: PTFE (TEFLON)
   1.3 CENTER CONTACT: GOLD PLATED BRASS

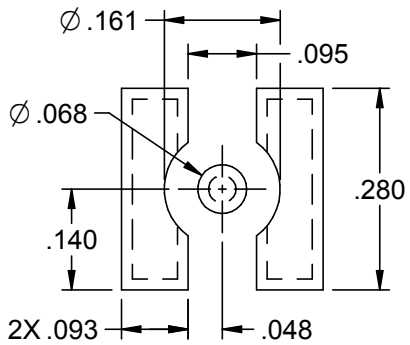
2. ELECTRICAL SPECIFICATIONS:
   2.1 IMPEDANCE: 50 OHMS
   2.2 FREQUENCY RANGE: 0 - 10 GHz
   2.3 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
   2.5 INSULATION RESISTANCE: 1000 MEGOHM MIN
   2.6 CONTACT RESISTANCE:
   2.6.1 CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
   2.6.2 OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
   2.7 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHz

3. MECHANICAL SPECIFICATIONS:
   3.1 ENGAGE/DISENGAGE TORQUE (MAX): 16 INCH-OUNCES
   3.2 MATING TORQUE: 35-50 INCH-OUNCES
   3.3 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
   3.4 DURABILITY: 500 CYCLES MIN

4. ENVIRONMENTAL SPECIFICATIONS:
   (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 C
   4.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D

△5. CONNECTOR MOUNTING RAILS AND CONTACT 60%/40% TIN/LEAD COATED (SOLDER PLATED).

RECOMMENDED LAND PATTERN*



* NOTE: THIS PATTERN IS FOR REFERENCE ONLY. PATTERN MAY VARY DEPENDING ON ASSEMBLY PROCESS OR SPECIFIC ELECTRICAL OR MECHANICAL REQUIREMENTS.

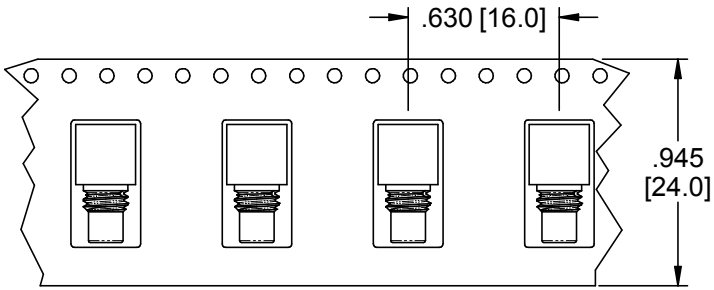


FIG 1

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 traced or copied without permission and is returnable upon demand.

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

3RD ANGLE PROJECTION

RoHS

UNLESS OTHERWISE SPECIFIED
UNITS: INCH
.XX ±.02
.XXX ±.005
ANGLES ±2°

JOHNSON

Title: JACK ASSEMBLY, RA SURFACE MOUNT SMC

Model No. 131-6711-301/310

Size	DO NOT SCALE DRAWING	Date:	Sheet 1 of 1
A		6/15/2015	

Please read our datasheet & drawing disclaimer here.