

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.
131-6711-306	TAPE & REEL 425 PCS PER FIG 1.

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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

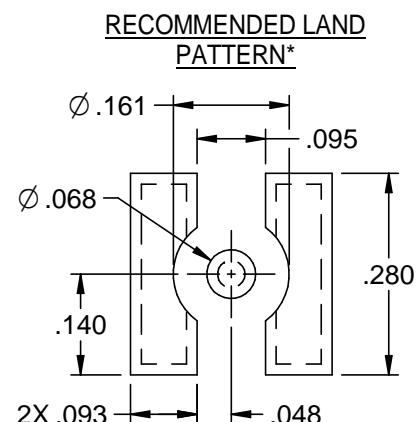
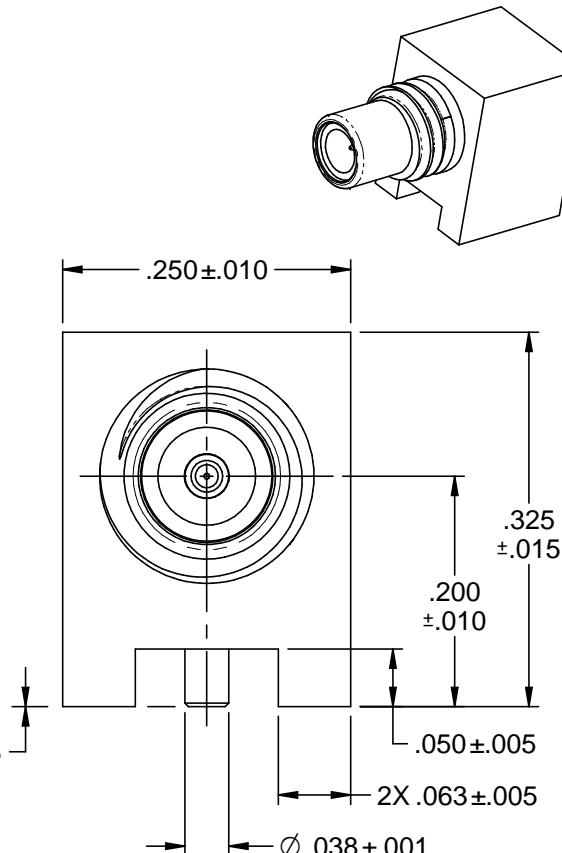
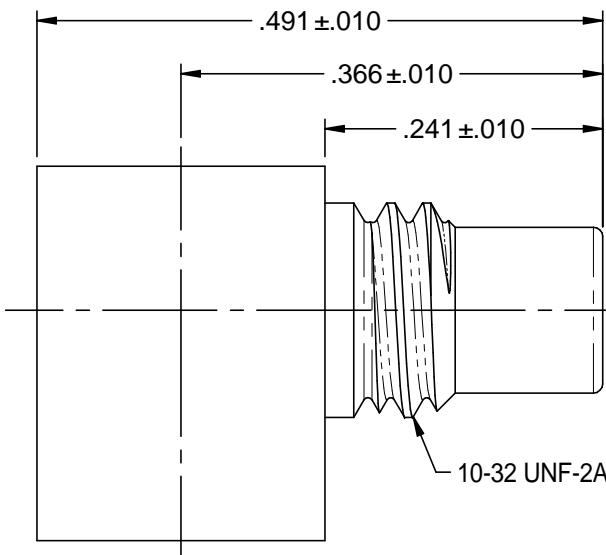
4.2 OPERATING TEMPERATURE: -65°C TO 165°C

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).



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



3RD ANGLE PROJECTION
RoHS
UNLESS OTHERWISE SPECIFIED
.XX ±.02
.XXX ±.005
ANGLES ±2°

INTERFERENCING DRAWING IN
ACCORDANCE WITH ASME
Y14.5-2009

JOHNSON

Title: JACK ASSEMBLY,
RA SURFACE MOUNT SMC

Model No.
131-6711-301/310

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

Mouser Electronics

Authorized Distributor

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