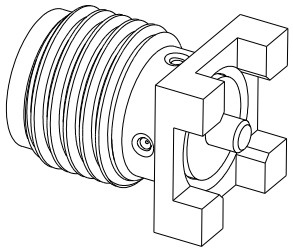
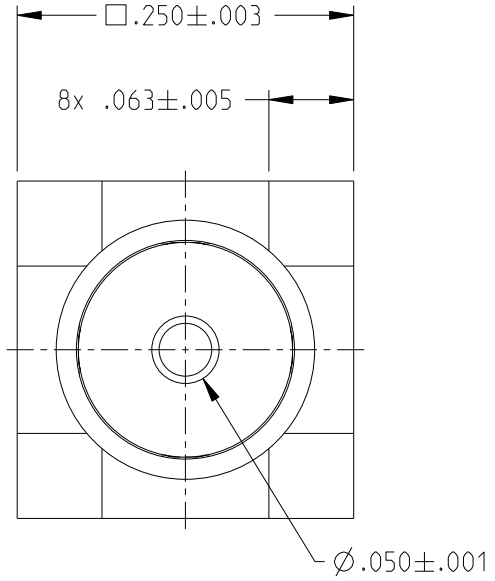
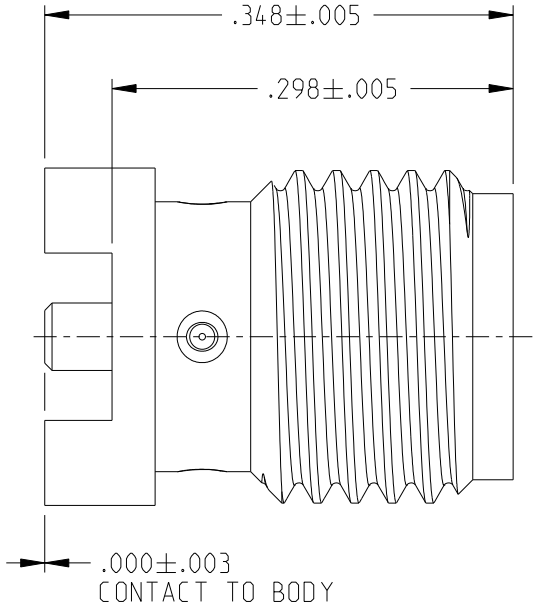
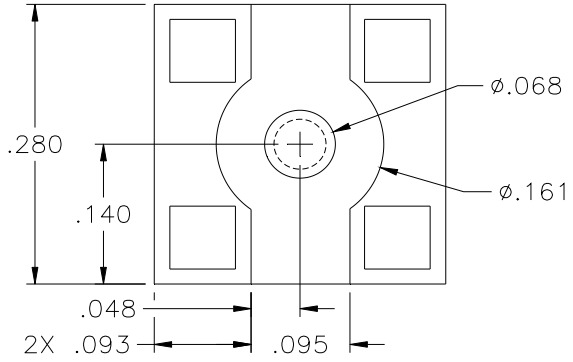
REV	ECO	DATE
2C	49167	2/2/2004
2D	51843	2/24/2009
02E	56768	6/23/2017









RECOMMENDED LAND PATTERN (6)

NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL & FINISH:
 1.1 BODY: GOLD PLATED BRASS
 1.2 DIELECTRIC: PTFE (TEFLON)
 1.3 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER

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

3. MECHANICAL:
 3.1 ENGAGE/DISENGAGE TORQUE: 2 IN-LBS MAX
 3.2 MATING TORQUE: 7-10 IN-LBS
 3.3 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE, 4 IN-OZ MIN RADIAL TORQUE
 3.4 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
 4.6 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106.

5. PACKAGE 25 PER BAG

6. LAND PATTERN FOR REFERENCE ONLY. PATTERN MAY VARY DEPENDING ON ASSEMBLY PROCESS, BOARD TYPE OR SPECIFIC ELECTRICAL OR MECHANICAL REQUIREMENTS.

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

Model No: 142-0711-201

RoHS2 ☑ 2015/863/EU

Cage Code 34078

3RD ANGLE PROJECTION

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

ENGINEER: J. KEREKES

Date: 6/26/2017

JOHNSON

Title: JACK ASSEMBLY, STRAIGHT PC SURFACE MOUNT SMA

Drawing No. C_142-0711-201

REV. 02E

Size A | DO NOT SCALE DRAWING | Workmanship Std: | Sheet 1 OF 1

Please read our datasheet & drawing disclaimer here.