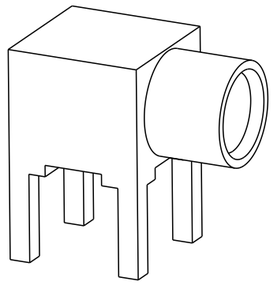
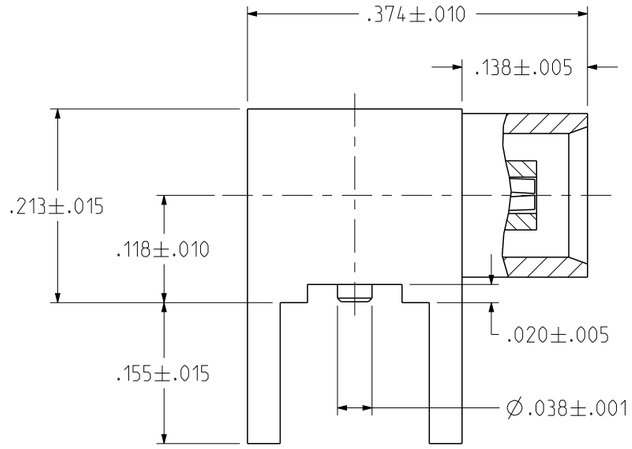
REV	ECO	DATE
1	INITIAL RELEASE	02JUL2020



SCALE 4:1



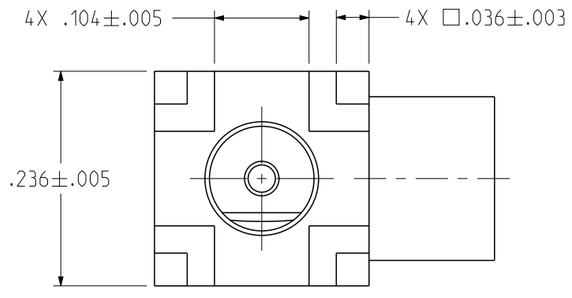
NOTES: UNLESS OTHERWISE SPECIFIED.

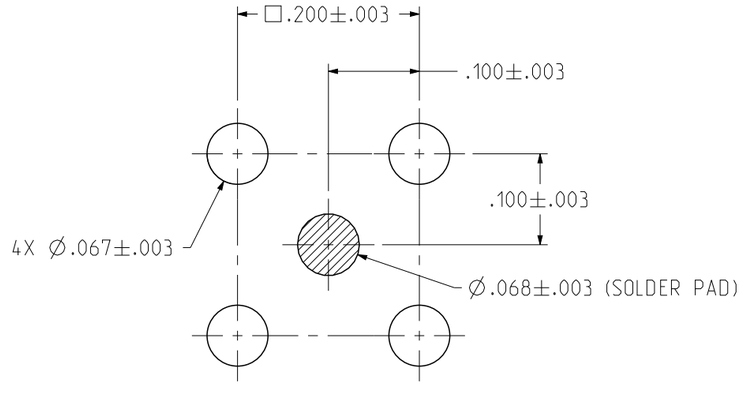
1. MATERIAL & FINISH:
   1.1 BODY: (133-3711-321) GOLD PLATED BRASS
   1.2 INSULATORS: PTFE (TEFLON)
   1.3 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER

2. ELECTRICAL SPECIFICATIONS:
   2.1 IMPEDANCE: 50 OHMS
   2.2 FREQUENCY RANGE: 0 - 6 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: 10000 MEGOHM MIN
   2.6 CONTACT RESISTANCE:
       CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
       OUTER CONDUCTOR - GOLD AND SILVER PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
       NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
   2.7 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
   2.8 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHz

3. MECHANICAL SPECIFICATIONS:
   3.1 ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
   1.0 LBS MIN DISENGAGEMENT
   8.0 LBS MAX DISENGAGEMEN
   3.2 DURABILITY: 500 CYCLES MIN

4. ENVIRONMENTAL:
   4.1 (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
   4.2 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION F
   4.3 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
   4.4 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
   4.5 SHOCK:MIL-STD-202, METHOD 213, CONDITION B
   4.6 VIBRATION: MILSTD-202, METHOD 204CONDITION B
   4.7 MOISTURE RESISTANCE:MIL STD-202, METHOD 106





MOUNTING HOLE LAYOUT

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.

Model No: 133-3711-321/330

RoHS ☑ (EU)/2015/863 COMPLIANT

Cage Code

3RD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED UNITS: INCH
.XX ± .01
.XXX ± .003
.XXXX ± .0010
ANGLE ± 2°

Drawn by: Roman.Yao

Date: 7/2/2020

JOHNSON

Title: JACK ASSEMBLY RA SURFACE MOUNT MCX

Drawing No. 133-3711-321/330 REV. 1

Size B | DO NOT SCALE DRAWING | Workmanship Std: NONE | Sheet 1 OF 1