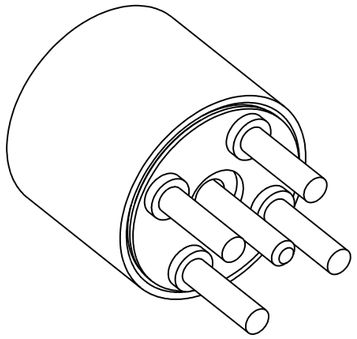
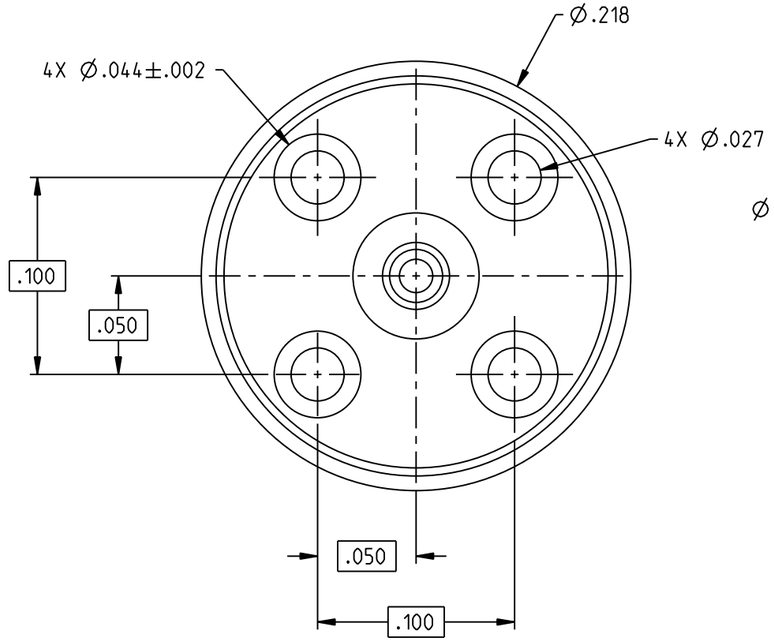
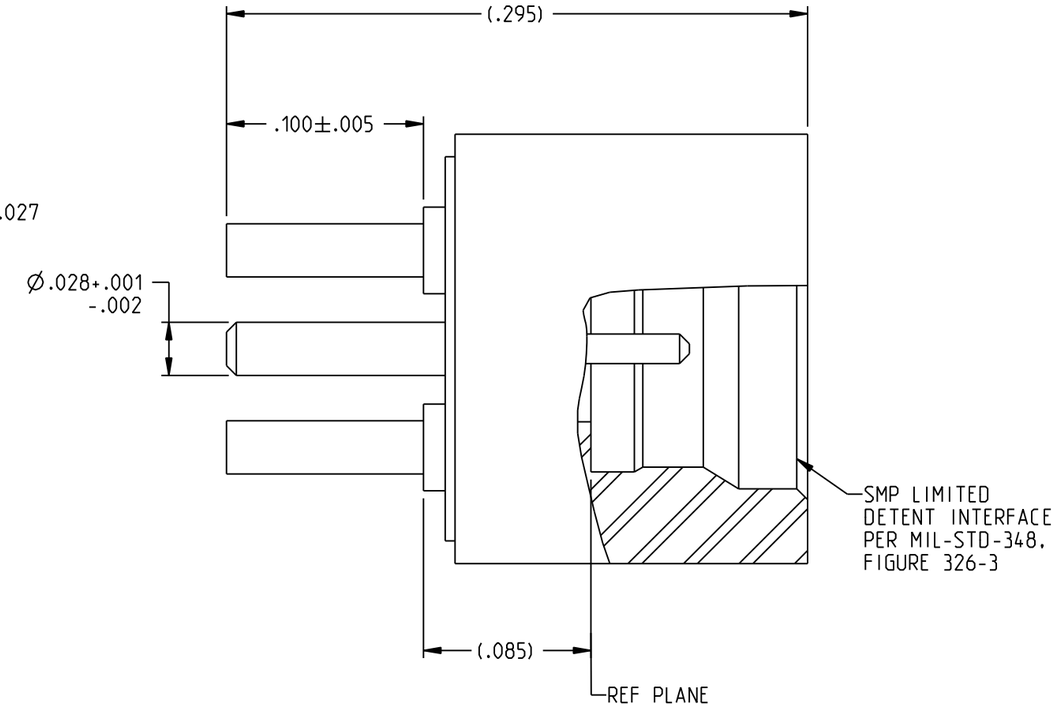
MODEL NUMBER
127-1701-201







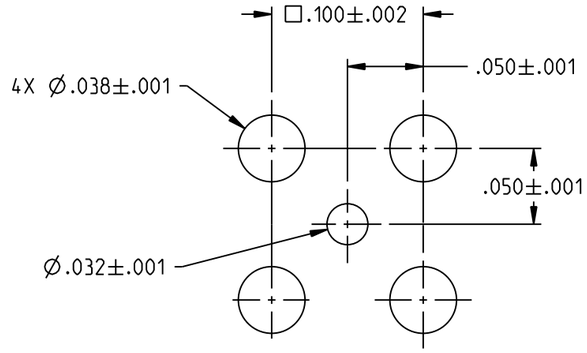
NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL & FINISH:
   1.1 BODY: PASSIVATED STAINLESS STEEL
   1.2 BASE: GOLD PLATED BRASS
   1.3 CONTACT: GOLD PLATED BERYLLIUM COPPER
   1.4 INSULATOR: PTFE (TEFLON)

2. ELECTRICAL SPECIFICATIONS:
   2.1 IMPEDANCE: 50 OHMS NOMINAL
   2.2 FREQUENCY RANGE: 0-12 GHz
   2.3 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
   2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN
   2.6 CONTACT RESISTANCE:
       CENTER CONTACT - INITIAL 6.0 MILLIOHMS MAX.
       OUTER CONDUCTOR - INITIAL 2.0 MILLIOHMS MAX.
   2.7 CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
   2.8 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 325 VRMS MIN AT 4 AND 7 MHz

3. MECHANICAL SPECIFICATIONS:
   3.1 INTERFACE DESIGN: IN ACCORDANCE WITH MIL-STD-348, FIGURE 326-3
   3.2 ENGAGEMENT FORCE: 10 LBS MAX
   3.3 DISENGAGEMENT FORCE: 2 LBS MIN
   3.4 CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
   3.5 DURABILITY: 500 CYCLES MIN

4. ENVIRONMENTAL SPECIFICATIONS:
   4.1 MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF DSCC DWG NO. 94007
   4.2 OPERATING TEMPERATURE RANGE: -65°C TO +165°C
   4.3 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 165°C HIGH TEMP
   4.4 MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
   4.5 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
   4.6 VIBRATION: MIL STD-202, METHOD 204 CONDITION D
   4.7 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, EXCEPT STEP 7B OMITTED



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.

3RD ANGLE PROJECTION

RoHS2 2011/65/EU

UNLESS OTHERWISE SPECIFIED UNITS: INCH
.XX ±.02
.XXX ±.003
ANGLES ±2°

JOHNSON

Title: SMP, LIMITED DETENT STRAIGHT PC MOUNT

Model No. 127-1701-201/210

Size B | DO NOT SCALE DRAWING | Date: 12/19/2018 | Sheet 1 OF 1

Please read our datasheet & drawing disclaimer here.