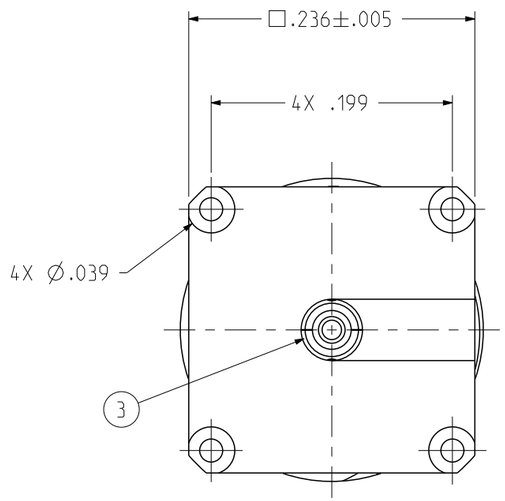
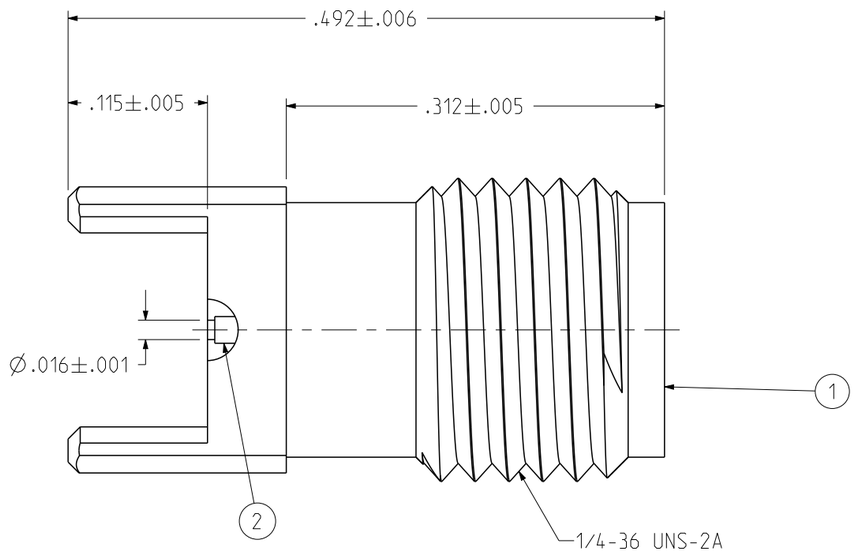
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
145-0711-261	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER	PEEK

REV	ECO	DATE
1	INITIAL RELEASE	03APR2023
2	EC-2311008	22NOV2023



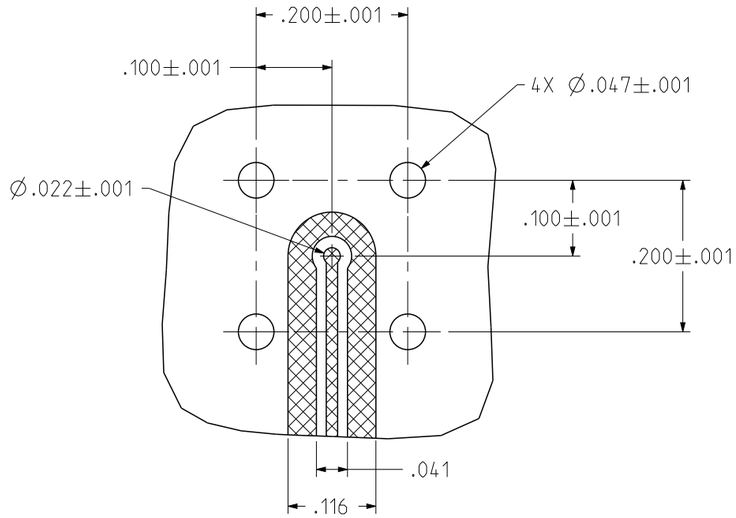


NOTES:

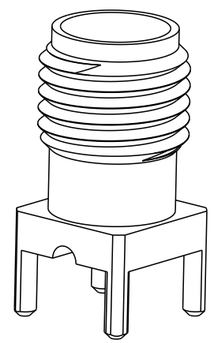
1. ELECTRICAL SPECIFICATIONS:
   1.1 IMPEDANCE: 50 OHMS
   1.2 FREQUENCY RANGE: DC-40 GHz
   1.3 VSWR: 1.35 MAX
   1.4 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
   1.5 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
   1.6 INSULATION RESISTANCE: 5000 MEGOHM MIN
   1.7 CONTACT RESISTANCE:
      1.7.1 CENTER CONTACT - INTIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
      1.7.2 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE

2. MECHANICAL SPECIFICATIONS:
   2.1 ENGAGEMENT/DISENGAGEMENT FORCE: 2 INCH-POUNDS MAX
   2.2 MATING TORQUE: 7 TO 10 INCH-POUNDS
   2.3 DURABILITY: 500 CYCLES MIN

3. ENVIRONMENTAL:
   3.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
   3.2 OPERATING TEMPERATURE: -45 °C TO 85 °C
   3.3 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
   3.4 SHOCK: MIL-STD-202, METHOD 213, CONDITION I
   3.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
   3.6 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106



RECOMMENDED PCB LAYOUT
NOTE: THIS PATTERN IS FOR REFERENCE ONLY. PATTERN MAY VARY DEPENDING ON ASSEMBLY PROCESS, BOARD TYPE, OR SPECIFIC ELECTRICAL OR MECHANICAL REQUIREMENTS.



SCALE 4:1

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 Y14.5-2018.

Model No: 145-0711-261/270
RoHS ☑ (EU)/2015/863 COMPLIANT
UNLESS OTHERWISE SPECIFIED UNITS: INCH
.XX ± .01
.XXX ± .003
.XXXX ± .0010
ANGLE ± 2°
Cage Code
3RD ANGLE PROJECTION
Drawn By: Roman.Yao
Date: 04/03/2023

JOHNSON
Title: 2.92MM JACK, VERTICAL, PCB SURFACE MOUNT
Drawing No. 145-0711-261/270 REV. 2
Size B | DO NOT SCALE DRAWING | Workmanship Std: NONE | Sheet 1 OF 1

Downloaded from Arrow.com.
Please read our datasheet & drawing disclaimer here.