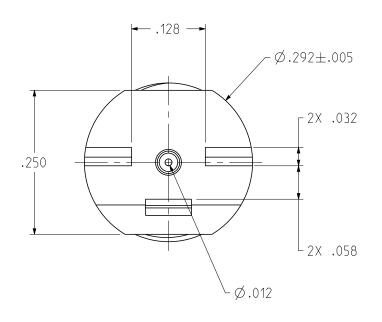
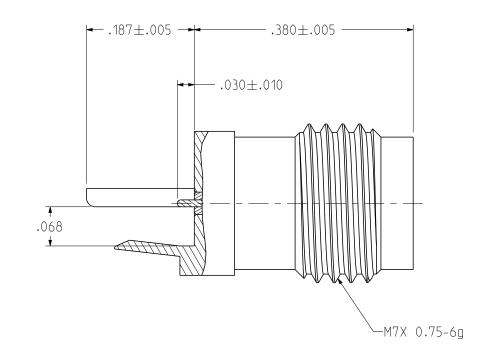
PART NUMBER 147-0731-201

REV	ECO	DATE
1	INITIAL RELEASE	30SEP2021

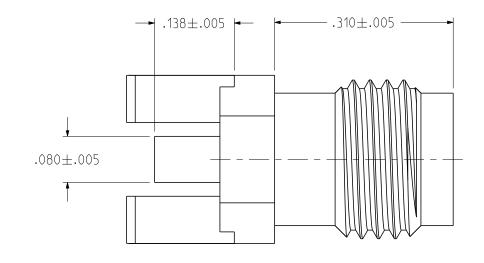


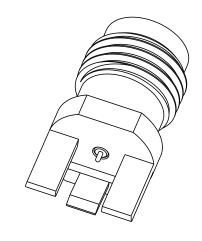


## NOTES:

- 1. MATERIALS AND FINISH:
- 1.1 BODIES: GOLD PLATED BRASS
- 1.2 CONTACT: GOLD PLATED BERYLLIUM COPPER
- 1.3 INSULATOR: PTFE
- 2. ELECTRICAL SPECIFICATIONS:
- 2.1 IMPEDANCE: 50 OHMS
  2.2 FREQUENCY RANGE: DC-50 GHz
- 2.3 VSWR: 1.50 MAX
- 2.4 WORKING VOLTAGE: 150 VRMS MAX AT SEA LEVEL
- 2.5 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
- 2.6 INSULATION RESISTANCE: 5000 MEGOHM MIN
- 2.7 CONTACT RESISTANCE:
- 2.7.1 CENTER CONTACT INTIAL 4.0 MILLIOHM MAX, AFTER
  - ENVIRONMENTAL NOT APPLICABLE
- 2.7.2 OUTER CONDUCTOR INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
- 3. MECHANICAL SPECIFICATIONS:
- 3.1 ENGAGEMENT/DISENGAGEMENT FORCE: 2 INCH-POUNDS MAX 3.2 MATING TORQUE: 7 TO 10 INCH-POUNDS
- 3.3 DURABILITY: 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





SCALE 4:1

CINCH CONNECTIVITY SOLUTIONS	Model No: 147-07	31-201/210	JOHNSON	
traced or copied without permission and is returnable upon demand.	ROHS M (EU)/2015/863 COMPLIANT	Cage Code  3RD ANGLE PROJECTION	Title: 2.4MM JACK, PCB END LAUNCH, SELF FIXTURING FOR .062 BOARD	
	.XX ± .01 .XXX ± .003	Drawn by:  Roman Yao	Drawing No. 147-0731-201/210 REV. 1	
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.	.XXXX ± .0010 ANGLE ± 2°	Date: 09/30/2021	Size B DO NOT SCALE Workmanship Std:Sheel 1 OF 1	

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cinch Connectivity Solutions: 147-0731-201