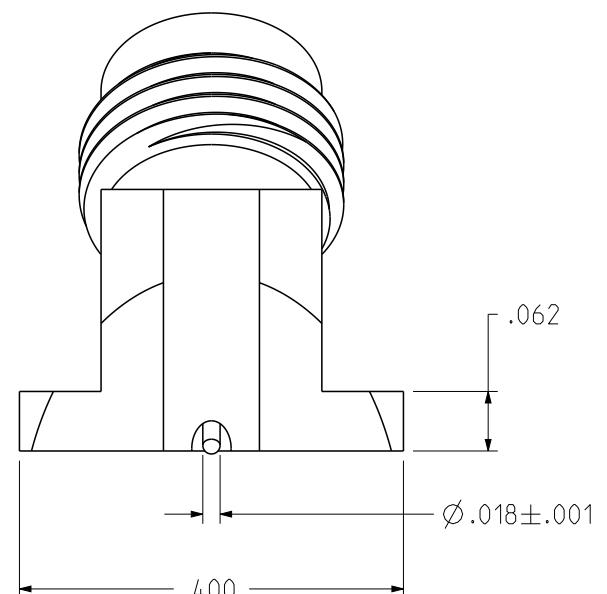
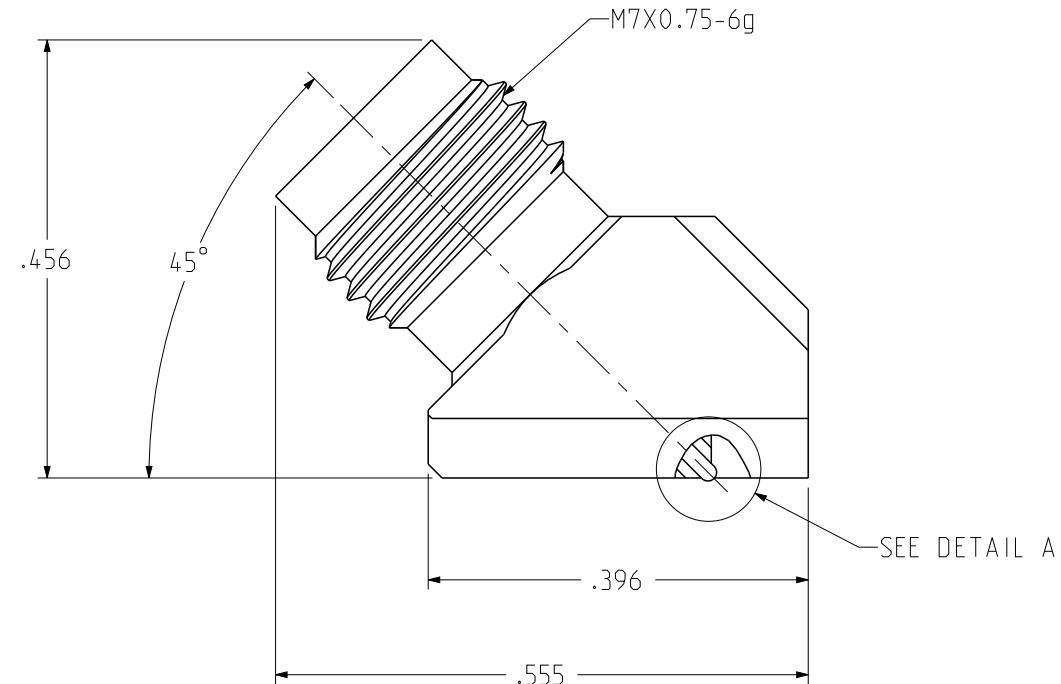


PART NUMBER
148-0701-221

REV	ECO	DATE
1	INITIAL RELEASE	09SEP2021



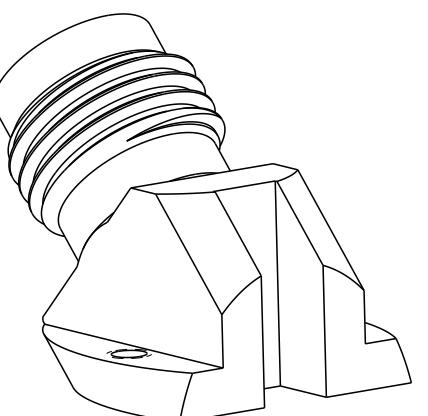
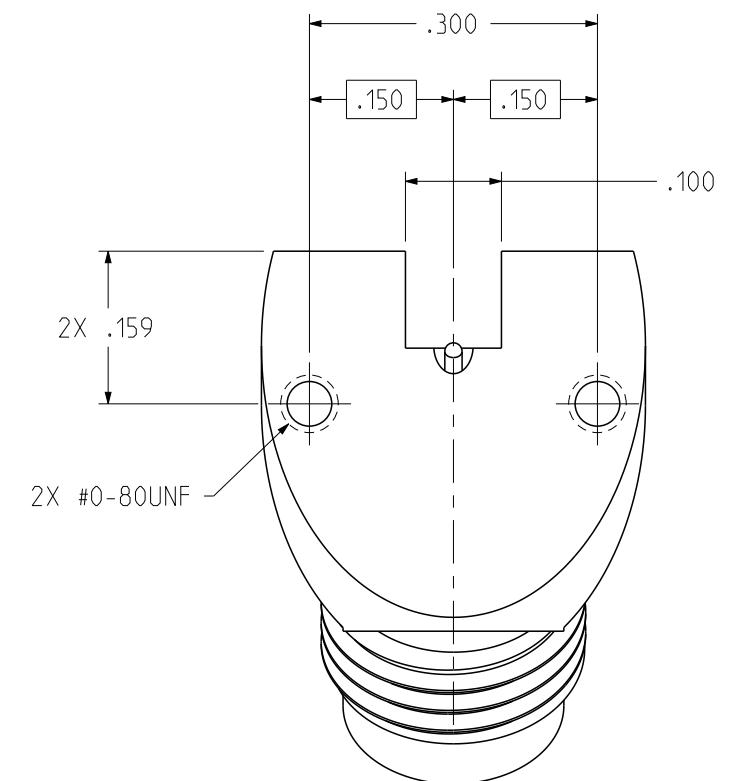
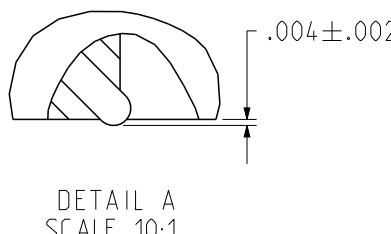
NOTES:

1. MATERIALS AND FINISH:
1.1 BODIES: GOLD PLATED BRASS
1.2 CONTACT: GOLD PLATED BERYLLIUM COPPER
1.3 INSULATOR: PTFE / ULETR 1000

2. ELECTRICAL SPECIFICATIONS:
2.1 IMPEDANCE: 50 OHMS
2.2 FREQUENCY RANGE: DC-67 GHz
2.3 VSWR: DEPENDENT ON APPLICATION
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 - INITIAL 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



cinch CONNECTIVITY SOLUTIONS a telegärtner company		Model No: 148-0701-221/230	JOHNSON
RoHS <input checked="" type="checkbox"/>	Cage Code (EUI)2015/863 COMPLIANT	Title: 1.85MM JACK, 45 DEGREE, PCB MOUNT	
3RD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED UNITS: INCH	Drawing No. 148-0701-221/230	REV. 1
Drawn by: Roman Yao	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.	Date: 09/09/2021	Size: B DO NOT SCALE DRAWING
			Workmanship Std: Sheet 1 OF 1