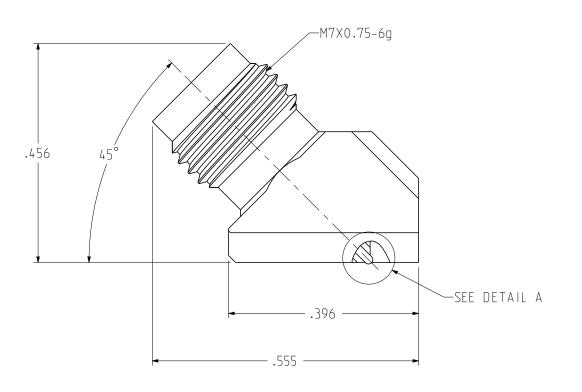
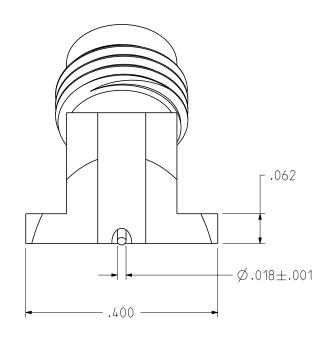
PART NUMBER 148-0701-221

ECO DATE 1 | INITIAL RELEASE | 09SEP2021

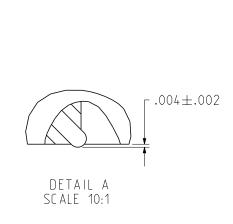


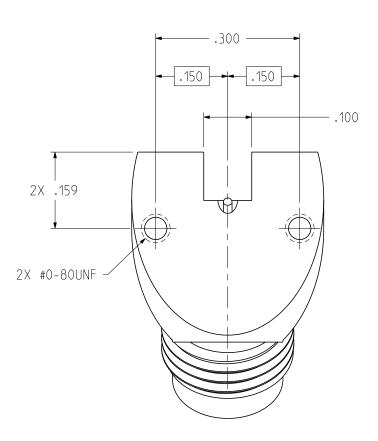


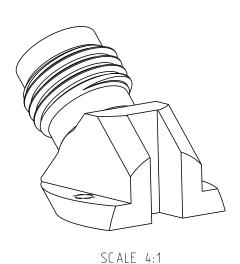
NOTES:

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







CINCH	Model No: 148-0701-221/230		JOHNSON	
This PROPRIETARY Document is properly of Cinch Connectivity Solutions. It is confidential in nature. non-transferable.	ROHS 🗹 (EU)/2015/863 COMPLIANT	Cage Code 3RD ANGLE PROJECTION	Title: 1.85MM JACK, 45 DEGREE, PCB MOUN	Т
and issued with the clear understanding that it is not traced or copied without permission and is returnable upon demand.	UNLESS OTHERWISE SPECIFIED UNITS: INCH .XX ± .01 .XXX ± .003	Drawn by: Roman Yao	Drawing No. 148-0701-221/230	REV.
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.	.XXXX ± .0010 ANGLE ± 2°	Date: 09/09/2021	Size B DO NOT SCALE Workmanship Std: Sheet 1 OF	1

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