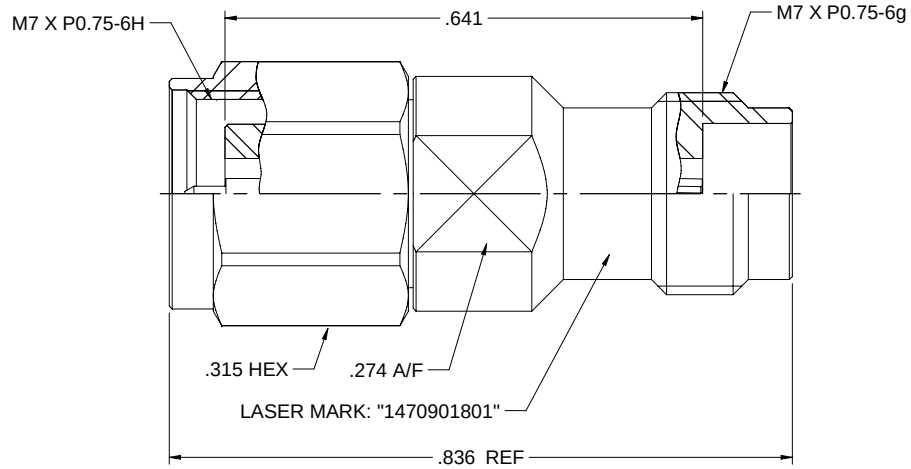
MODEL NO.	PACKAGING
147-0901-801	ONE PCS PER BAG

REV	ECO	DATE
001	ECO-17-0032	11/28/2017



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL & FINISH:
   1.1 BODY & SHELL: PASSIVATED STAINLESS STEEL
   1.2 CONTACT PIN : GOLD PLATED BERYLLIUM COPPER
   1.3 INSULATOR: ULTEM 1000 AMBER
   1.4 C RING: BERYLLIUM COPPER
   1.5 GASKET: SILICONE RED

2. ELECTRICAL:
   2.1 IMPEDANCE: 50 OHMS
   2.2 FREQUENCY RANGE: 0-50 GHz
   2.3 VOLTAGE STANDING WAVE RATIO: 1.2 MAX
   2.4 CONTACT RESISTANCE:
      2.4.1 CENER CONTACT: 4 MILLIOHM MAX
      2.4.2 OUTER CONTACT: 2.5 MILLIOHM MAX
   2.6 INSULATOR RESISTANCE: 5000 MEGOHM MIN
   2.7 INSERTION LOSS: 0.05 X.$\sqrt{F(GHZ)}$ DB MAX
   2.8 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN

3. MECHANICAL:
   3.1 ENGAGEMENT/ DISENGAGEMENT FORCE: 0.23NM MAX
   3.2 COUPLING PROOF TORQUE: 1.65 NM
   3.3 COUPLING NUT RETENTION: 267 N MIN
   3.4 CONTACT RETENTION: 20N MIN
   3.5 DURABILITY (MATING): 500 CYCLES MIN

4. ENVIRONMENT:
   4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B.
   4.2 OPERATING TEMPERATURE: -55 TO 125°C
   4.3 SALT SPRAY: 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. 147-0901-801	Johnson
	RoHS2 2011/65/EU	Title: ADAPTER ASSEMBLY, PLUG TO JACK, 2.4mm
	.XXX ±.02 .XXXX ±.01 ANGLES ±5°	Drawing No. 147-0901-801 Rev. 001
	Drawn by: Betty.Yu Date: 10/19/2017	Size C DO NOT SCALE DRAWING Workmanship Std. NONE Sheet 1 of 1