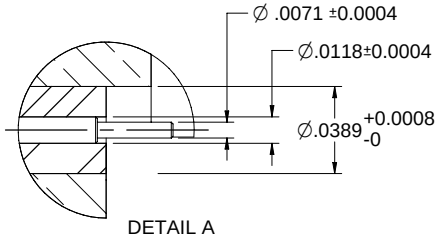
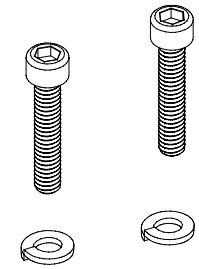
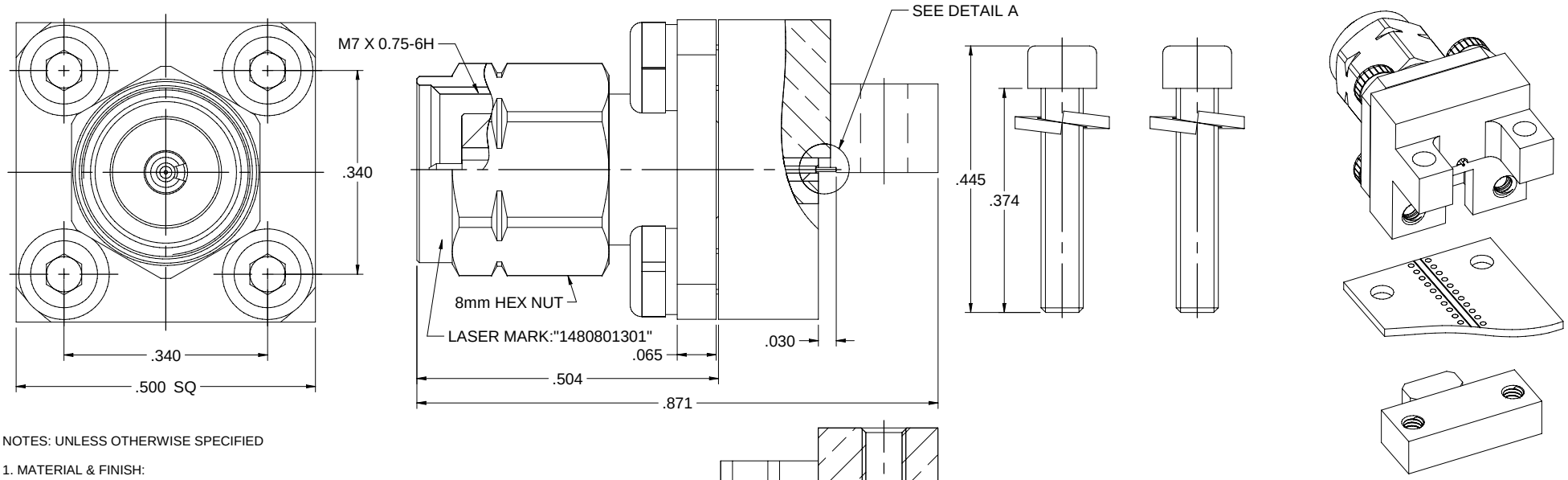
MODEL NO.	PACKAGING
148-0801-301	ONE PCS PER BAG

REV	ECO	DATE
001	ECO-17-0033	12/18/2017
002	ECO-18-0020	08/21/2018
003	ECO-19-0023	07/10/2019



DETAIL A





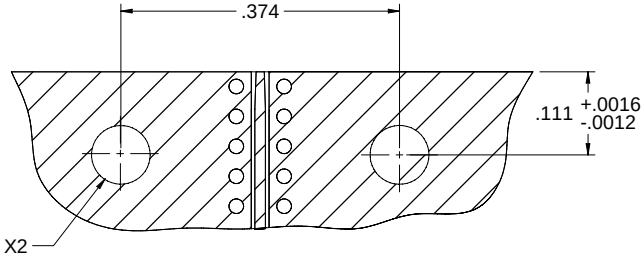
NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL & FINISH:
   1.1 MAIN BODY, NUT: PASSIVATED STAINLESS STEEL
   1.2 MOUNTING BODY: NICKEL PLATED BRASS
   1.3 CONTACT PIN : GOLD PLATED BERYLLIUM COPPER
   1.4 MAIN INSULATOR: ULTEM 1000 AMBER
   1.5 MOUNTING INSULATOR: PTFE WHITE
   1.6 BOLT & WASHER: STAINLESS STEEL

2. ELECTRICAL:
   2.1 IMPEDANCE: 50 OHMS
   2.2 FREQUENCY RANGE: DC-67 GHz
   2.3 VOLTAGE STANDING WAVE RATIO: 1.2 MAX
   2.4 CONTACT RESISTANCE:
      2.4.1 CENTER CONTACT: 6 MILLIOHM MAX
      2.4.2 OUTER CONTACT: 2.5 MILLIOHM MAX
   2.5 INSULATION RESISTANCE: 5000 MOHM MIN
   2.6 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS

3. MECHANICAL:
   3.1 ENGAGMENT/DISENGAGMENT FORCE: 0.23 NM MAX
   3.2 COUPLING PROOF TORQUE: 1.65NM MIN
   3.3 COUPLING NUT RETENTION: 267 N MIN
   3.4 CONTACT RETENTION: 20N MIN
   3.5 DURABILITY: 500 CYCLES MIN
   3.6 BOARD THICKNESS: 0 - 0.11 INCH

4. ENVIRONMENT:
   4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B.
   4.2 OPERATING TEMPERATURE: -65 TO 165°C
   4.3 SHOCK: MIL-STD-202, METHOD 213, CONDITION I
   4.4 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
   4.5 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106



PCB LAYOUT

Please read our datasheet & drawing disclaimer here.

Model No.	148-0801-301/310		Johnson
RoHS2 2011/65/EU	Cage Code	Title:	END LAUNCH PLUG,SCREW-ON TYPE,1.85mm
UNLESS OTHERWISE SPECIFIED UNITS INCH	3RD ANGLE PROJECTION	Drawing No.	148-0801-301/310
.XXX ±.02 .XXXX ±.01 ANGLES ±5°	Drawn By: Betty.Yu	Rev.	003
	Date: 07/10/2019	Size C / DO NOT SCALE DRAWING / Workmanship Std: NONE	Sheet 1 of 1