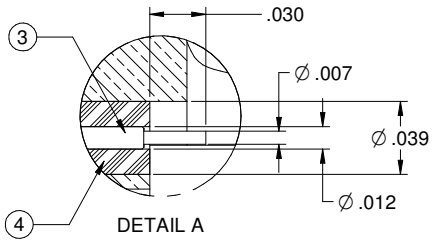
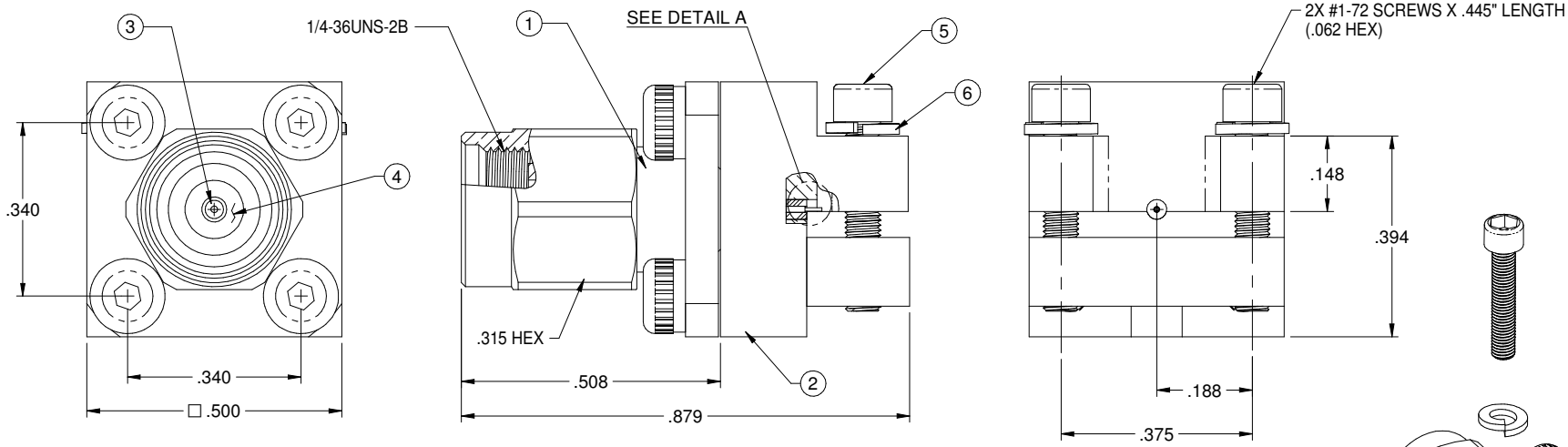
PART NUMBER	ITEM ① MAIN BODY	ITEM ② MOUNTING BODY	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ BOLT X 2	ITEM ⑥ WASHER X 2
145-0801-802	STAINLESS STEEL PASSIVATED	BRASS NICKEL PL.00007 MIN OVER COPPER STRIKE	BERYLLIUM COPPER GOLD PL .00004 MIN(MATING END) / .00003 MIN(SOLDER END) OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	ULTEM 1000 (MATING END) /TEFLON (SOLDER END)	STAINLESS STEEL	STAINLESS STEEL

REV	ECO	DATE
1	ECO-17-0010	4/10/2017



DETAIL A

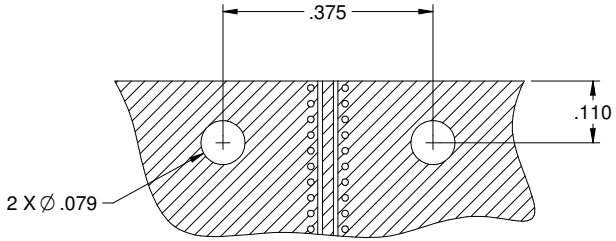


SPECIFICATION:

ELECTRICAL:
- IMPEDANCE: 50 OHMS
- FREQUENCY RANGE: 0-40 GHz
- VSWR: DEPENDANT ON APPLICATION
- WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
- DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
- INSULATION RESISTANCE: 5000 MEGOHM MIN
- CONTACT RESISTANCE:
  - CENTER CONTACT - INITIAL 3 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
  - OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
- RF LEAKAGE: -90dB TYPICAL AT 2.5GHz

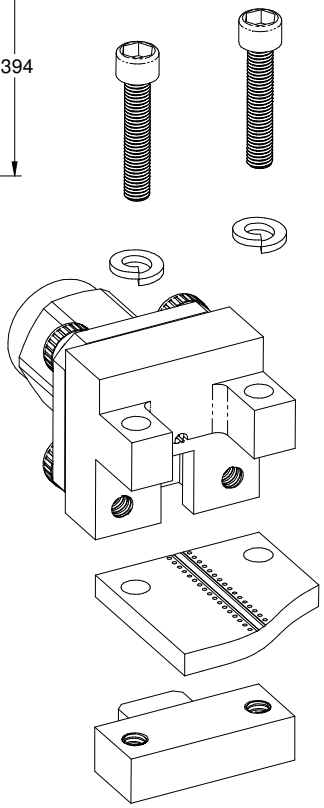
MECHANICAL:
- ENGAGEMENT/DISENGAGEMENT FORCE: 2 INCH-POUNDS MAX
- CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
- MATING TORQUE: 7 TO 10 INCH-POUNDS
- DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:
- OPERATING TEMPERATUR: -40 TO 85℃
- THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
- CORROSION: MIL-STD-202, METHOD 101, CONDITION B
- SHOCK: MIL-STD-202, METHOD 213, CONDITION I
- VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
- MOISTURE RESISTANCE: MIL-STD-202, MEHTOD 106



RECOMMENDED PCB LAYOUT

NOTE: THIS PATTERN IS FOR REFERENCE ONLY.
PATTERN MAY VARY DEPENDING ON BOARD TYPE, SPECIFIC ELECTRICAL OR MECHANICAL REQUIREMENTS.



cinch

Material: SEE NOTE
Finish: SEE NOTE
Workmanship Std:

Model No.
RoHS2 ☑ 2011/65/EU

Cage Code

3RD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DATE: 4/10/17
.XX ±.02
.XXX ±.005
ANGLES ±2 DEG

Drawn by: R.SHEN
Date: 4/10/17

Title: END LAUNCH PLUG SCREW-ON TYPE SMK(2.92mm)
Drawing No.: 145-0801-802
Rev.: 1
Size: C
DO NOT SCALE DRAWING
Sheet 1 of 1