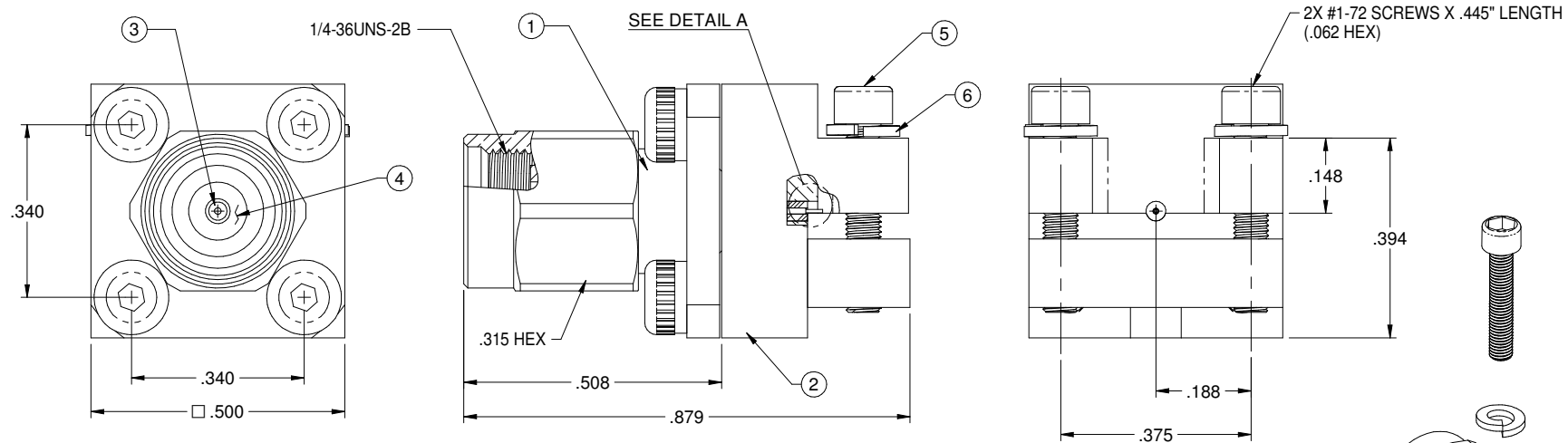
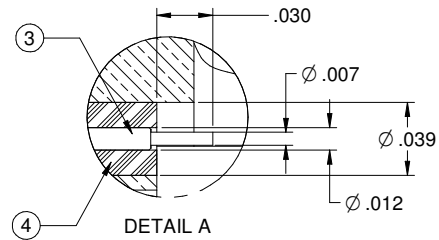


PART NUMBER	ITEM ① MAIN BODY	ITEM ② MOUNTING BODY	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ BOLT X 2	ITEM ⑥ WASHER X 2
145-0801-802	STAINLESS STEEL PASSIVATED	BRASS NICKEL PL.00007 MIN OVER COPPER STRIKE	BERYLLIUM COPPER GOLD PL. .00004 MIN(MATING END) /.00003 MIN(SOLDER END) OVER NICKEL PL.00005 MIN OVER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



**SPECIFICATION:**

**ELECTRICAL:**

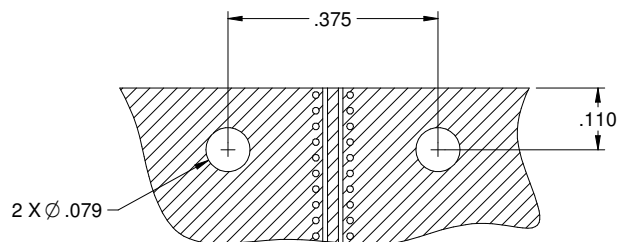
IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-40 GHz  
 VSWR: DEPENDANT ON APPLICATION  
 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL  
 INSULATION RESISTANCE: 5000 MEGOHM MIN  
 CONTACT RESISTANCE:  
   CENTER CONTACT - INITIAL 3 MILLIOHM MAX, 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°C  
 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.

	SEE NOTE	Model No.	File:
	SEE NOTE	RoHS2 201185EU	END LAUNCH PLUG SCREW-ON TYPE SMK(2.92mm)
<small>           THE INFORMATION CONTAINED            HEREIN IS UNCLASSIFIED            EXCEPT WHERE SHOWN            OTHERWISE. IT IS THE            PROPERTY OF CINCH            CONNECTORS AND IS TO            BE USED ONLY IN            ACCORDANCE WITH THE            TERMS AND CONDITIONS            OF THE LICENSE            AGREEMENT.         </small>	<small>           SEE NOTE            XXX-02            XXX-005            ANGLES: 0 DEG         </small>	<small>           Drawing No.            R.SHEN            Date:            4/10/17         </small>	<small>           Drawing No.            145-0801-802            Rev            1            DO NOT SCALE            DRAWING            Sheet 1 of 1         </small>

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