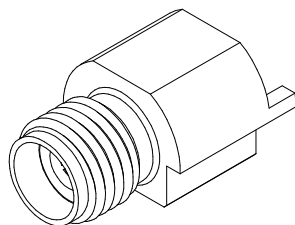


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
145-0701-811	BRASS GOLD PL .00003 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	TEFLON

REV	ECO	DATE
1	ECO-17-0030	10/17/2017
2	ECO-18-0002	2/2/2018



5:1

SPECIFICATION:

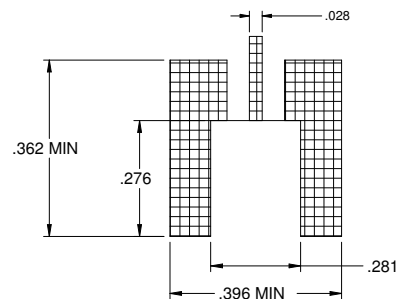
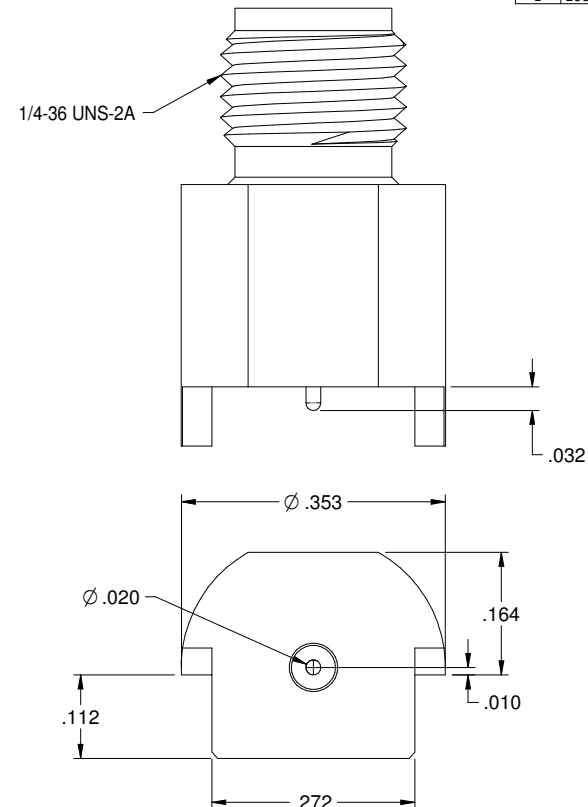
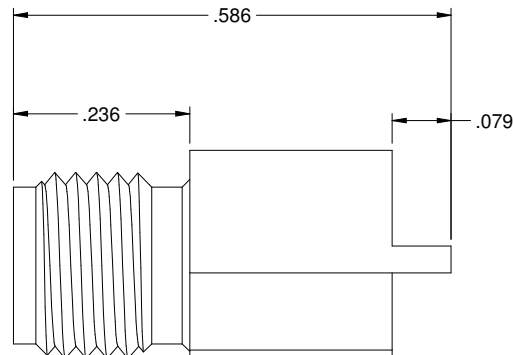
IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-40 GHz
 VSWR: 1.5 MAX
 INSERTION LOSS: 0.05 √F dB MAX (F IN GHz)
 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3 MILLIOHM 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 ASSEMBLY
 PROCESS, BOARD TYPE, OR SPECIFIC ELECTRICAL OR
 MECHANICAL REQUIREMENTS.

	SEE NOTE	Model No. 145-0701-811	JOHNSON	
	SEE NOTE	RoHS2 2011/65/EU X +0.2 X.XX +0.1 X.XX +0.07 ANGLES 12 DEG		Title: 2.92mm END LAUNCH JACK Drawing No. 145-0701-811 Rev. 2 Date: 9/15/16 Size: C DO NOT SCALE DRAWING