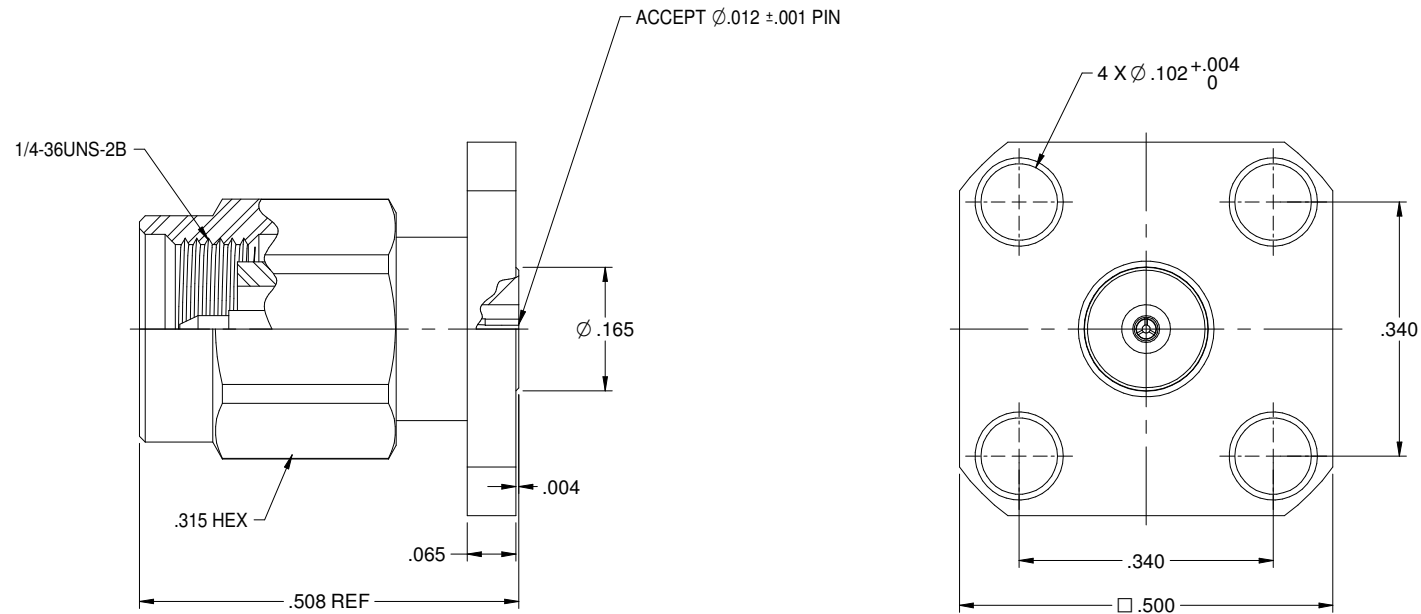


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ NUT	ITEM ⑤ GASKET
145-0801-612	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00004 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	ULTEM 1000	STAINLESS STEEL PASSIVATED	SILICONE

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



SPECIFICATION:

ELECTRICAL:

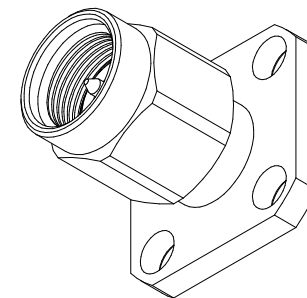
IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-40 GHz
 VSWR: 1.2 MAX.
 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 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



	SEE NOTE	Model No.	Title: PANEL RECEPTACLE PLUG 4-HOLE FLANGE SMM(2.92mm)	
	SEE NOTE	RoHS2 201185 EU		Drawing No. 145-0801-612
<small> This drawing is the property of Cinch Connectors, Inc. and is not to be distributed, copied, or used in any way without the written permission of Cinch Connectors, Inc. </small>	<small> SEE NOTE XXX-02 XXX-005 ANGLES: 12 DEG </small>	<small> Drawn by: R.SHEN Date: 4/10/17 </small>	<small> Size: C DO NOT SCALE DRAWING </small>	<small> Rev: 1 Sheet 1 of 1 </small>