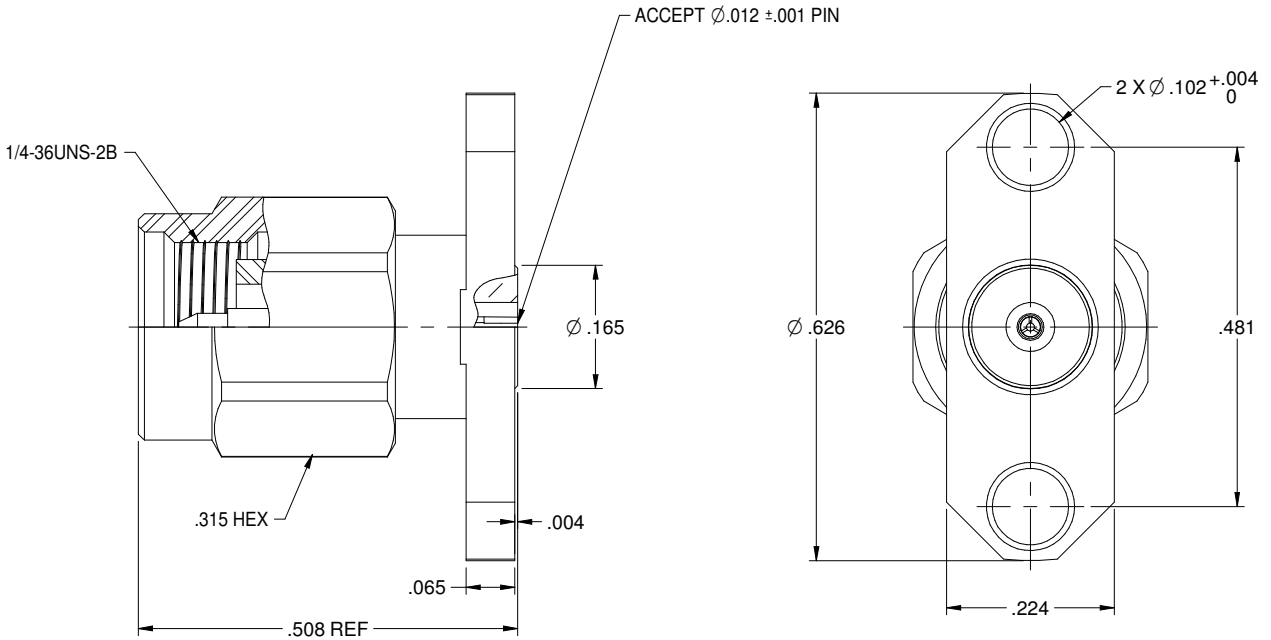
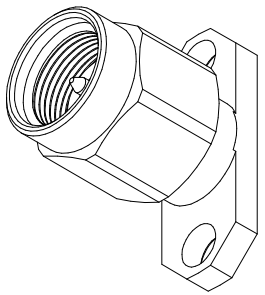
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ NUT	ITEM ⑤ GASKET
145-0801-602	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00004 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	ULTEM 1000	STAINLESS STEEL PASSIVATED	SILICONE

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℃
- 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

Please read our datasheet & drawing disclaimer here.

cinch

Material: SEE NOTE
Finish: SEE NOTE
Model No.: RoHS2 2011/65/EU
Cage Code
3RD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DATE: 08/24
.XX ±.02 .XXX ±.005 ANGLES ±2 DEG
Drawn by: R.SHEN
Date: 4/10/17
Title: PANEL RECEPTACLE PLUG 2-HOLE FLANGE SMK(2.92mm)
Drawing No.: 145-0801-602
Rev.: 1
Size: C
DO NOT SCALE DRAWING
Sheet 1 of 1