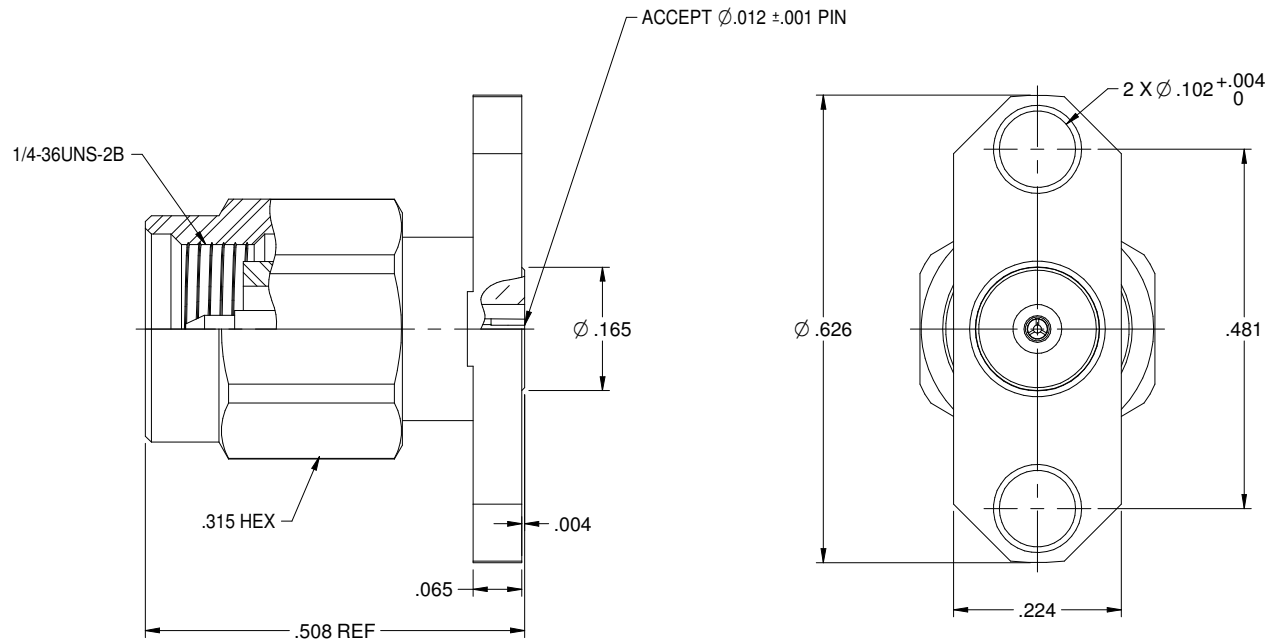


| PART NUMBER  | ITEM ①<br>BODY                | ITEM ②<br>CONTACT                                                                                 | ITEM ③<br>INSULATOR | ITEM ④<br>NUT                    | ITEM ⑤<br>GASKET |
|--------------|-------------------------------|---------------------------------------------------------------------------------------------------|---------------------|----------------------------------|------------------|
| 145-0801-602 | STAINLESS STEEL<br>PASSIVATED | BERYLLIUM COPPER<br>GOLD PL .00004 MIN<br>OVER NICKEL PL.00005<br>MIN OVER COPPER<br>PL.00005 MIN | ULTEM 1000          | STAINLESS<br>STEEL<br>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 TEMPERATURE: -40 TO 85°C

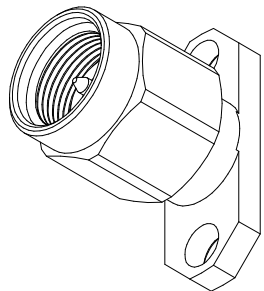
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B

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, METHOD 106



|  |          |                                         |                                                           |              |
|--|----------|-----------------------------------------|-----------------------------------------------------------|--------------|
|  | SEE NOTE | Model No.                               | Title: PANEL RECEPTACLE PLUG<br>2-HOLE FLANGE SMK(2.92mm) |              |
|  | SEE NOTE | RoHS2<br>2011/65/EU                     | Drawing No.                                               | Rev          |
|  |          | XX + .02<br>XXX ± .005<br>ANGLES ° D EG | R. SHEN                                                   | 1            |
|  |          | 4/10/17                                 | DO NOT SCALE<br>DRAWING                                   | Sheet 1 of 1 |