

NOTE

1. Specification

- 1.1 Frequency range : DC ~ 18GHz
- 1.2 Impedance : 50 Ohm Nom.
- 1.3 VSWR : 1.15 Max(6GHz) / 1.30 Max(18GHz)
- 1.4 Insertion Loss : $0.05 \times \sqrt{f(\text{GHz})}$
- 1.5 Dielectric withstanding voltage : 750V rms
- 1.6 Working voltage : 250V rms
- 1.7 Mating : 500 Cycle Min.
- 1.8 Insulation resistance : 5000M Ω Min.
- 1.9 Operating temperature : -45°C ~ 125°C

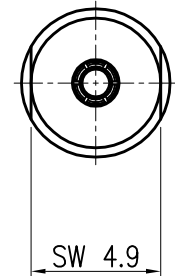
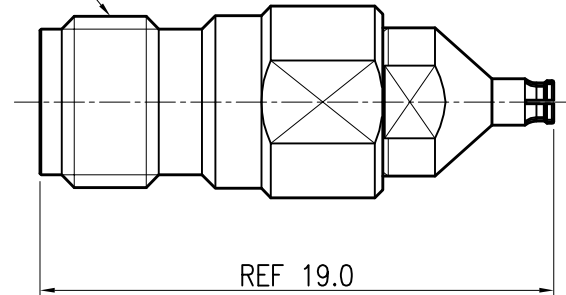
2. Material and Finish

- 2.1 Body(2.92mm-F) : Passivated Stainless steel
- 2.2 Body(SMPS-F) : Gold plated Beryllium copper
- 2.3 Center contact : Gold plated Beryllium copper
- 2.4 Insulator(A) : ULTEM-1000
- 2.5 Insulator(B) : PTFE

3. RoHS Compliance : Directive (EU) 2015/863

| REV | DESCRIPTION | DATE | ECO | APPR |
|-----|------------------|----------|-----|---------------------|
| A | Register drawing | 21. 3.31 | | <i>Patrick, Cho</i> |

1/4-36UNS-2A



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE :

1 PLACE DECIMAL 2 PLACE DECIMAL ANGLES 1.6 a

$\pm 0.20 \text{ mm}$ $\pm 0.10 \text{ mm}$ $\pm 1^\circ$

REMOVE BURRS. BREAK SHARP EDGES



| | | | | |
|--------------------------------|---|---------------------|--|--------------------------------|
| MATERIAL SEE NOTE 2. | DRAWN <i>Sy_Choi</i> | DATE 2021. 3. 31 | TITLE BETWEEN ADAPTOR 2.92mm FEMALE TO SMPS FEMALE | |
| | FINISH SEE NOTE 2. | ENGINEER | | |
| REFERENCE | APPROVED <i>Patrick, Cho</i> | DATE 2021. 3. 31 | SCALE N.S | SHEET 1 of 1 |
| | CAD FILE CAD:/ADAPTOR/2.92mm TO SMPS | | DWG SIZE A4 | DRAWING No. AD31031-292-PS2 |