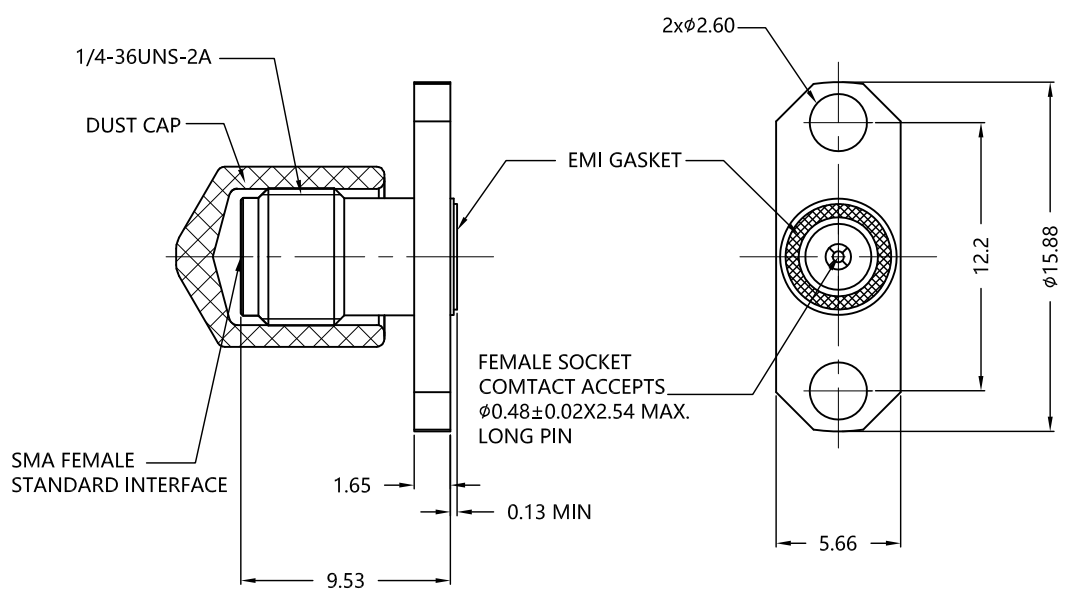


| REV. | DESCRIPTION | ECN NO. | NAME | DATE |
|------|--------------------------|---------|------|------------|
| 0 | FIRST EDITION | N/A | WYJ | 2017-11-10 |
| 1 | UPDATE THE DRAWING FRAME | N/A | PY | 2020-06-20 |



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



| MATERIALS AND PLATING | | UNIT: MICRO-INCHES |
|-----------------------|------------------|-----------------------------|
| PART NAME | MATERIALS | PLATING |
| BODY | STAINLESS STEEL | PASSIVATION |
| INSULATOR | PTFE ASTM-D-1710 | N/A |
| CONTACT PIN | BERYLLIUM COPPER | GOLD 100μ " / NICKEL/COPPER |
| EMI WASHER | RUBBER | SILVER PL./ALUMINUM |
| DUST CAP | PVC | BLACK |

| ELECTRICAL CHARACTERISTICS | |
|---------------------------------|------------------------|
| IMPEDANCE | 50 Ω |
| VOLTAGE RATING | 250V(rms) |
| FREQUENCY RANGE | 0 ~ 26.5 GHz |
| DIELECTRIC WITHSTANDING VOLTAGE | >750 V |
| CONTACT RESISTANCE | CENTER CONTACT <3.0 mΩ |
| | OUTER CONTACT <2.0 mΩ |
| INSULATION RESISTANCE | >5000 MΩ |
| INSERTION LOSS | <1.05 + 0.006X√F(GHZ) |
| VSWR | <1.30 |
| 3RD INTERMODULATION | N/A |

| MECHANICAL CHARACTERISTICS | |
|--------------------------------|-------------|
| FORCE TO ENGAGE AND DISENGAGE | N/A |
| CENTER CONTACT RETENTION FORCE | >6 lbs |
| RECOMMENDED COUPLING TORQUE | 7-10 in-lbs |
| COUPLING NUT RETENTION FORCE | N/A |
| DURABILITY | >500cycles |

| ENVIRONMENTAL PARAMETER | |
|-------------------------|----------------|
| TEMPERATURE RANGE | -65 °C~+150 °C |

CUSTOMER OUTLINE DRAWING

*** CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED:
 1) EDGES : C0.15 MAX ;
 2) REMOVE ALL BURRS ;
 3) SURFACE ROUGHNESS : Ra1.6 ;
 4) UNITS : mm ;
 5) DIMENSIONS TOLERANCES
 DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1;
 ANGLES : ± 5°.

| | | |
|------------------------|----------------|------------|
| THIRD ANGLE PROJECTION | | |
| APPROVED : | CUSTOMER P/N : | - |
| CHECKED : | SCALE : | 1 : 1 |
| DRAWING : | DATE : | 2020-06-20 |
| PAGE : | | 1/1 |

TITLE : SMA FEMALE S/T FOR PCB MOUNTING, 2 HOLES FLANGE,50Ω
 DRAWING NO. : 5MAF85S-H21-006
 COMPANY WEBSITE : www.slkcorp.com