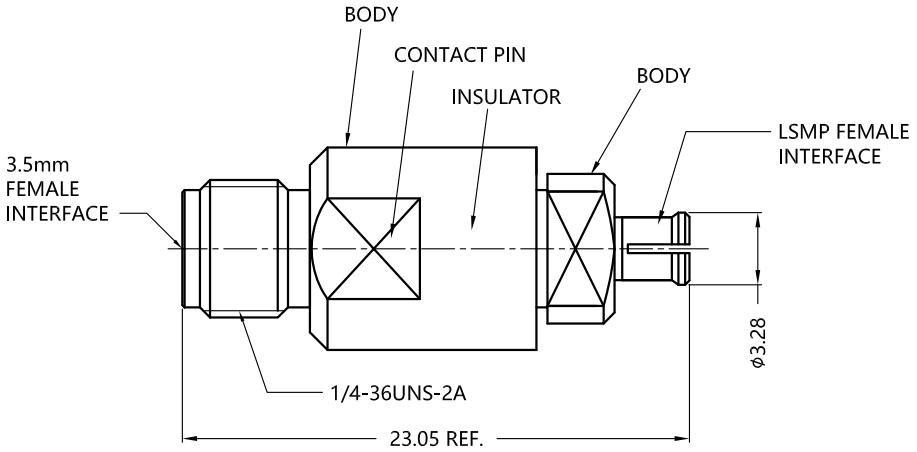
| REV. | DESCRIPTION | ECN NO. | NAME | DATE |
|---|---|---|---|---|
| 0 | FIRST EDITION | N/A | YWD | 2017-11-01 |
| 1 | UPDATE DRAWING | N/A | QGZ | 2020-09-08 |

RoHS

ALL PARTS MUST MEET TO RoHS REQUIREMENTS




## MATERIALS AND PLATING UNIT: MICRO-INCHES

| PART NAME | MATERIALS | PLATING |
|---|---|---|
| BODY | SUS303 | PASSIVATION |
| CONTACT PIN | Be-Cu C17300 | PL.GOLD30u"/ELECTROLESS NICKEL/COPPER |
| INSULATOR | ULTEM1000 PEI | AMBER |
| | | |

## ELECTRICAL CHARACTERISTICS

| | | |
|---|---|---|
| IMPEDANCE | | 50 Ω |
| VOLTAGE RATING | | 170 V(rms) |
| FREQUENCY RANGE | | 0 ~ 30 GHz |
| DIELECTRIC WITHSTANDING VOLTAGE | | >500 V |
| CONTACT RESISTANCE | CENTER CONTACT | <6.0 mΩ |
| | OUTER CONTACT | <2.0 mΩ |
| INSULATION RESISTANCE | | >5000 MΩ |
| INSERTION LOSS | | N/A |
| VSWR | | <1.25 |

## MECHANICAL CHARACTERISTICS

| | |
|---|---|
| FORCE TO ENGAGE /DISENGAGE (LSMP) | <2 lbs/>0.5 lbs |
| CENTER CONTACT RETENTION FORCE | N/A |
| RECOMMENDED COUPLING TORQUE | N/A |
| COUPLING NUT RETENTION FORCE | N/A |
| DURABILITY | >500cycles |

## ENVIRONMENTAL PARAMETER

| | |
|---|---|
| TEMPERATURE RANGE | -40 ℃~+125 ℃ |

## * 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 : 2020-09-08 |
| | PAGE : 1/1 |

SLK SUPERLINK

TITLE : LSMP FEMALE TO 3.5mm FEMALE S/T, 50Ω

DRAWING NO. : 5LSF06S-P3F

COMPANY WEBSITE : www.slkcorp.com