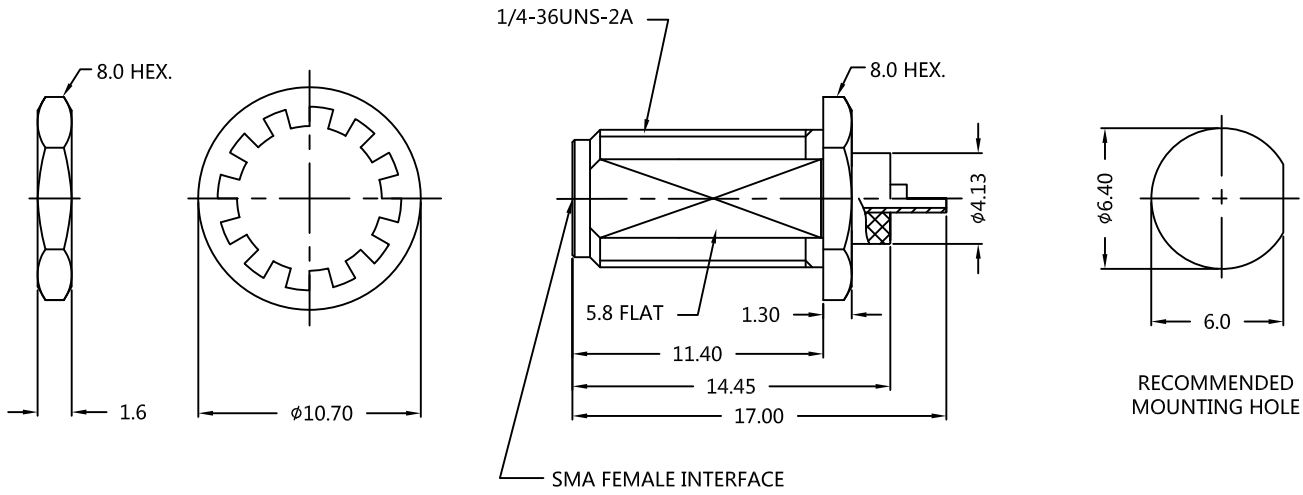


| REV. | DESCRIPTION | ECN NO. | NAME | DATE |
|------|---------------|---------|------|------------|
| 0 | FIRST EDITION | N/A | QGZ | 2020-06-20 |



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



| MATERIALS AND PLATING | | UNIT: MICRO-INCHES |
|-----------------------|-----------------|-------------------------|
| BODY | SUS303Cu | GOLD 3u"/NICKEL/COPPER |
| CONTACT PIN | Be-Cu C17300 | GOLD30u"/NICKEL /COPPER |
| INSULATOR | PTFE ASTMD-1710 | N/A |
| NUT | SUS303Cu | GOLD 3u"/ NICKEL |
| LOCK RING | SUS304Cu | GOLD 3u"/ NICKEL |

| ELECTRICAL CHARACTERISTICS | |
|---------------------------------|--------------------|
| IMPEDANCE | 50 Ω |
| VOLTAGE RATING | 335 V(rms) |
| FREQUENCY RANGE | 0 ~ 2.5 GHz |
| DIELECTRIC WITHSTANDING VOLTAGE | >500 V |
| CONTACT RESISTANCE | CENTER CONTACT |
| | OUTER CONTACT |
| INSULATION RESISTANCE | >5000 MΩ |
| INSERTION LOSS | <0.1x√(F GHz) dB |
| VSWR | <1.25 @DC~ 2.5 GHz |
| 3RD INTERMODULATION | N/A |

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

| ENVIRONMENTAL PARAMETER | |
|-------------------------|----------------|
| TEMPERATURE RANGE | -40 °C~+125 °C |

*** 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 : |
| DRAWING : | DATE : |
| PAGE : 1/1 | |

TITLE : SMA FEMALE S/T FOR RG316 & LMR100, 50Ω
 DRAWING NO. : 5MAF15S-A00
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING