
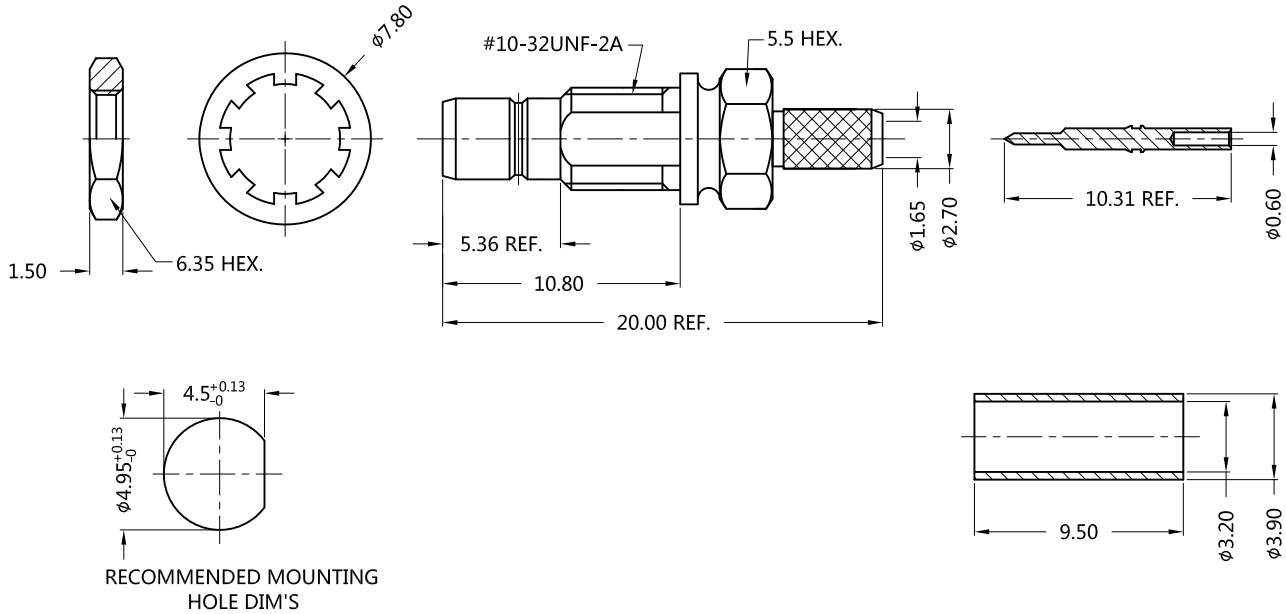
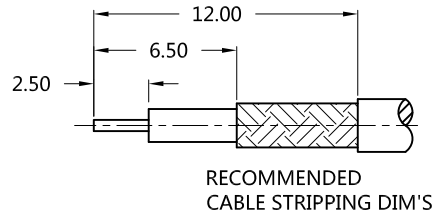


|      |               |         |          |            |   |
|------|---------------|---------|----------|------------|---|
| REV. | DESCRIPTION   | ECN NO. | NAME     | DATE       |  ALL PARTS MUST MEET TO RoHS REQUIREMENTS |
| 0    | FIRST EDITION | N/A     | JASON    | 2020-03-06 |   |
| 1    | NEW FRAME     | N/A     | LEI CHAO | 2020-06-29 |   |

REMARKS:  
 1. CRIMPED FERRULE HEX. CRIMP SIZE .130"  
 2. CONTACT PIN TO SOLDER



| MATERIALS AND PLATING |                  | UNIT: MICRO-INCHES       |
|-----------------------|------------------|--------------------------|
| PART NAME             | MATERIALS        | PLATING                  |
| BODY                  | BRASS C3604      | GOLD 3 u"/NICKEL/COPPER  |
| INSULATOR             | PTFE ASTM-D-1710 | N/A                      |
| CONTACT PIN           | BRASS C3604      | GOLD 10 u"/NICKEL/COPPER |
| LOCK WASHER           | BRASS            | GOLD 3 u"/NICKEL/COPPER  |

| ELECTRICAL CHARACTERISTICS      |                        |         |
|---------------------------------|------------------------|---------|
| IMPEDANCE                       | 50 Ω                   |         |
| VOLTAGE RATING                  | 170 V(rms)             |         |
| FREQUENCY RANGE                 | DC ~ 3 GHz             |         |
| DIELECTRIC WITHSTANDING VOLTAGE | >500 V                 |         |
| CONTACT RESISTANCE              | CENTER CONTACT         | <6.0 mΩ |
|                                 | OUTER CONTACT          | <3.0 mΩ |
| INSULATION RESISTANCE           | >1000 MΩ               |         |
| INSERTION LOSS                  | According as the cable |         |
| VSWR                            | <1.35                  |         |
| 3RD INTERMODULATION             | N/A                    |         |

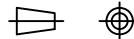
| MECHANICAL CHARACTERISTICS     |             |
|--------------------------------|-------------|
| FORCE TO ENGAGE AND DISENGAGE  | 1.8-14 lbs  |
| CENTER CONTACT RETENTION FORCE | N/A         |
| RECOMMENDED COUPLING TORQUE    | N/A         |
| COUPLING NUT RETENTION FORCE   | N/A         |
| DURABILITY                     | > 500cycles |

| ENVIRONMENTAL PARAMETER |                |
|-------------------------|----------------|
| TEMPERATURE RANGE       | -65 °C~+165 °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 :

3 : 1

DRAWING :

DATE : 2020-06-29

PAGE : 1/1



TITLE : SMB FEMALE S/T CRIMP FOR RG-316 CABLE ,50 Ω

DRAWING NO. : 5MBF14S-A02-001

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING