

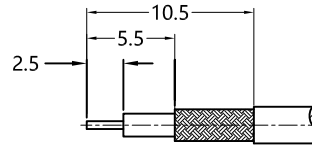
| | | | | | | | | |
|------|-------------|---------|------|------------|--|--|--|--|
| REV. | DESCRIPTION | ECN NO. | NAME | DATE | | | | |
| 1 | NEW FRAME | N/A | JING | 2020-08-06 | | | | |



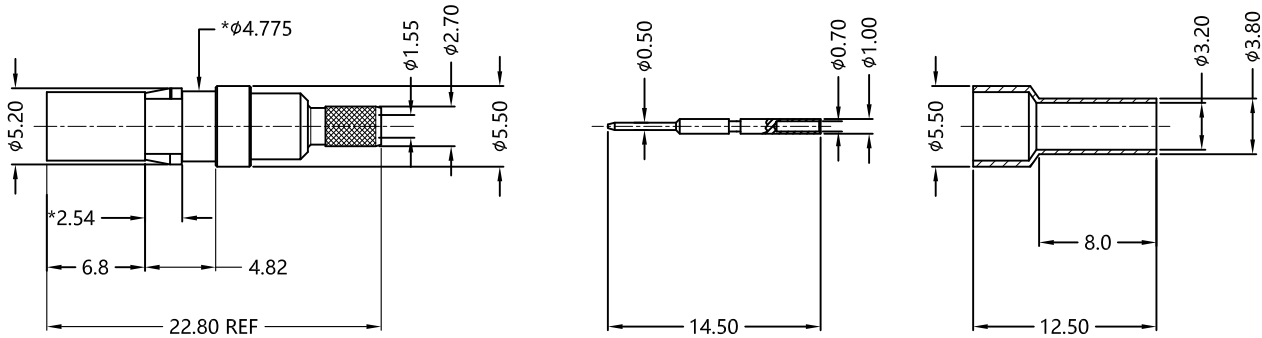
ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REMARKS:

- CONTACT PIN TO SOLDER
- CRIMP FERRULE FOR .128" HEX.
- ADD SIZE: 4.7MM



RECOMMENDED CABLE STRIPPING DIM'S



| MATERIALS AND PLATING | | UNIT: MICRO-INCHES |
|-----------------------|--------------------|--------------------------|
| PART NAME | MATERIALS | PLATING |
| BODY | BRASS C3604 | GOLD 3 u" /NICKEL/COPPER |
| INSULATOR | TEFLON MIL-P-19468 | N/A |
| CONTACT PIN | BRASS C3604 | GOLD 5 u" /NICKEL/COPPER |
| OUTER CONTACT | PHOSPHOR BRONZE | GOLD 3 u" /NICKEL/COPPER |
| FERRULE | BRASS | NICKEL 100u"/COPPER |

| ELECTRICAL CHARACTERISTICS | |
|---------------------------------|------------------------|
| IMPEDANCE | 50 Ω |
| VOLTAGE RATING | 250 V(rms) |
| FREQUENCY RANGE | 0 ~ 6 GHz |
| DIELECTRIC WITHSTANDING VOLTAGE | >750 V |
| CONTACT RESISTANCE | CENTER CONTACT <4.0 mΩ |
| | OUTER CONTACT <2.5 mΩ |
| INSULATION RESISTANCE | >1000 MΩ |
| INSERTION LOSS | N/A |
| RF-LEAKAGE | N/A |
| VSWR | <1.35 |
| 3RD INTERMODULATION | N/A |

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

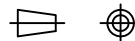
| ENVIRONMENTAL PARAMETER | |
|-------------------------|------------------|
| TEMPERATURE RANGE | -65 °C ~ +165 °C |

* CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED:

- EDGES : C0.15 MAX ;
- REMOVE ALL BURRS ;
- SURFACE ROUGHNESS : Ra1.6 ;
- UNITS : mm ;
- DIMENSIONS TOLERANCES
DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1;
ANGLES : ± 5°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

2: 1

DRAWING :

JING

DATE : 2020-08-06

PAGE : 1/1



TITLE : 1.0/2.3 MALE S/T SOLDER FOR LMR-100A-PVC CABLE, 50Ω

DRAWING NO. :

5A1M11S-A409

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING