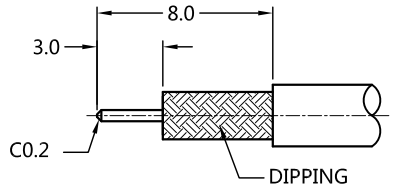
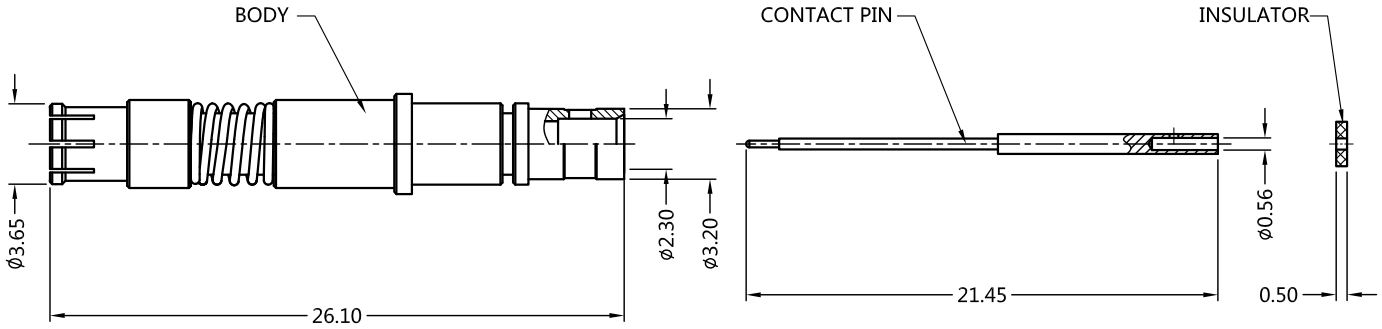
| REV | DESCRIPTION | ECN NO | NAME | DATE |
|---|---|---|---|---|
| 0 | FIRST EDITION | N/A | WYJ | 2018-02-06 |
| 1 | NEW FRAME | N/A | LW | 2020-07-07 |

ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REMARKS:
1. ADDS SIZE: 20.1mm
2. CONATACT PIN TO SOLDER




RECOMMENDED CABLE STRIPPING DIM'S




| MATERIALS AND PLATING | | UNIT: MICRO-INCHES |
|---|---|---|
| BODY | BRASS C3604 | GOLD 10 u"/NICKEL/COPPER |
| CONTACT PIN | BRASS C3604 | GOLD 30 u"/NICKEL/COPPER |
| INSULATOR | PTFE ASTM-D-1710 | N/A |
| OUT CONTACT | BERYLLIUM COPPER | GOLD 10 u"/NICKEL/COPPER |

| ELECTRICAL CHARACTERISTICS | | |
|---|---|---|
| IMPEDANCE | | 50 Ω |
| VOLTAGE RATING | | 335 V(rms) |
| FREQUENCY RANGE | | DC~18 GHz |
| DIELECTRIC WITHSTANDING VOLTAGE | | >1000 V |
| CONTACT RESISTANCE | CENTER CONTACT | <6.0 mΩ |
| | OUTER CONTACT | <2.0 mΩ |
| INSULATION RESISTANCE | | >5000 MΩ |
| INSERTION LOSS | | <0.05√F dB |
| VSWR | | <1.2 |
| 3RD INTERMODULATION | | N/A |

| MECHANICAL CHARACTERISTICS | | |
|---|---|---|
| FORCE TO ENGAGE AND DISENGAGE | FORCE TO ENGAGE | <3.0 lbs |
| | FORCE TO DISENGAGE | >1.5 lbs |
| RECOMMENDED COUPLING TORQUE | | N/A |
| COUPLING NUT RETENTION FORCE | | N/A |
| DURABILITY | | >500 cycles |

| ENVIRONMENTAL CHARACTERISTICS | |
|---|---|
| TEMPERATURE RANGE | -40 ℃~+165 ℃ |

## * CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED:
1) 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 | | SUPERLINK |
| APPROVED: | CUSTOMER P/N: - | TITLE: QT MALE S/T SOLDER FOR SLC-280 CABLE,50Ω |
| CHECKED: | SCALE: 1:1 | DRAWING NO: 5QTM15S-A82 |
| DRAWING: | DATE: 2020-07-07 | |
| | COMPANY WEBSITE: www.slkcorp.com | |