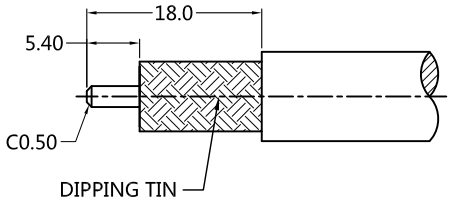
REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	NEW FRAME	N/A	LDH	2020-8-26

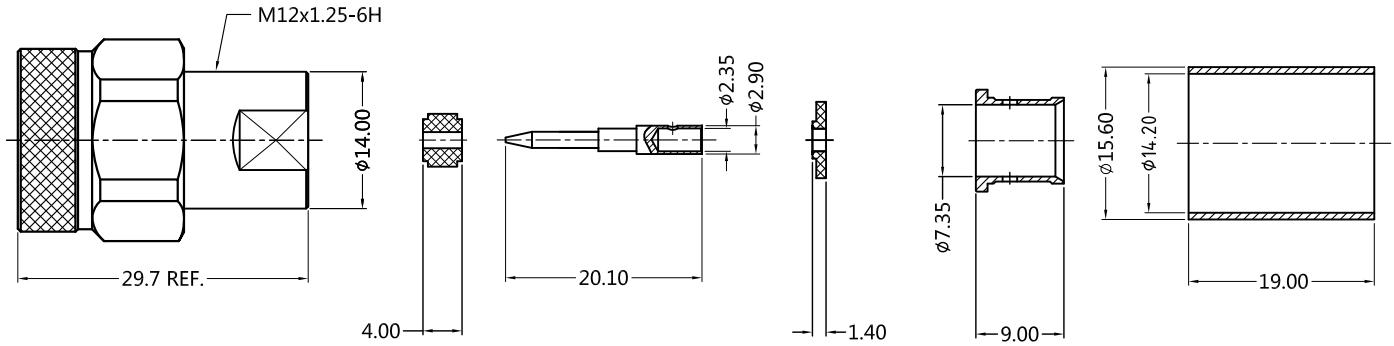
RoHS

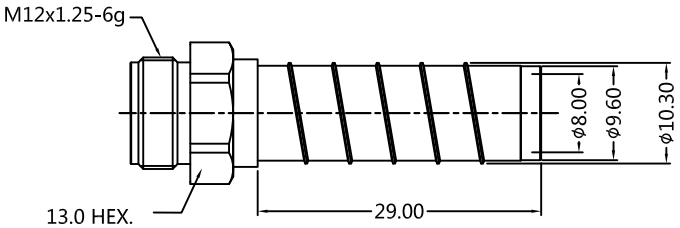
ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REMARKS:
1.ADDS SIZE:17.5mm
2.CONTACT PIN & FERRULE TO SOLDER
3.CRIMPED FERRULE ⑨ HEX. CRIMP SIZE: .531''



RECOMMENDED CABLE STRIPPING DIM'S





MATERIALS AND PLATING UNIT: MICRO-INCHES

PART NAME	MATERIALS	PLATING
SHELL	STAINLESS STEEL	PASSIVATION
CONTACT PIN	BRASS C3604	GOLD 50u"/NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
LOCK RING	PHOSPHOR-BRONZE	N/A
FERRULE	BRASS C3604	GOLD 10u"/NICKEL/COPPER
BODY/BARREL	STAINLESS STEEL	PASSIVATION

ELECTRICAL CHARACTERISTICS

IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		DC ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>1000 V
CONTACT RESISTANCE	CENTER CONTACT	<1.5 mΩ
	OUTER CONTACT	<0.2 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		ACCORDING TO THE CABLE
VSWR		<1.3
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS

FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	N/A
COUPLING PROOF TORQUE	9 ~ 14 in-lbs
COUPLING NUT RETENTION FORCE	>100 lbs
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE	-55 ℃~+125 ℃
RELATIVE HUMIDITY	MIL-STD-202,METHOD 106
VIBRATION	MIL-STD-202,METHOD 204,COND D
SHOCK	MIL-STD-202,METHOD 213,COND I
CORROSION	MIL-STD-202,METHOD 101,COND B

* 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 : 4 : 3
DRAWING : LDH	DATE : 2020-8-26
	PAGE : 1/1

SLK SUPERLINK

TITLE : N MALE S/T SOLDER FOR SPB-800=LX CABLE,50Ω

DRAWING NO. : 5NCM15S-A469-014

COMPANY WEBSITE : www.slkcorp.com