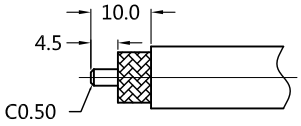
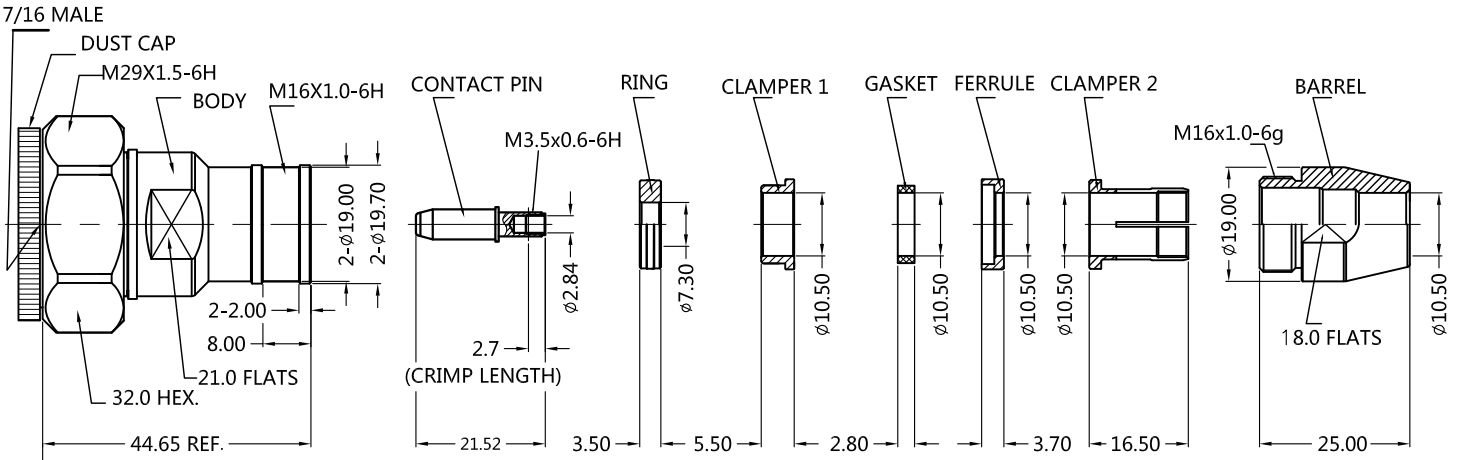
REV.	DESCRIPTION	ECN NO.	NAME	DATE
A4	UPDATE THE DRAWINGS	N/A	LIU	2019-12-04
A5	NEW FRAME	N/A	JING	2020-05-27

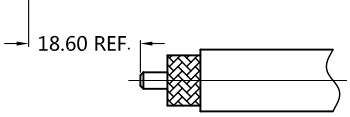
ALL PARTS MUST MEET TO RoHS REQUIREMENTS

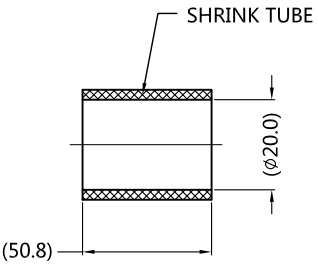
REMARKS:
1. CONTACT PIN TO CRIMP (.130" HEX. TOOLS)
2. OUTER BRAID TO CLAMP



RECOMMENDED CABLE STRIPPING DIM'S







MATERIALS AND PLATING UNIT: MICRO-INCHES

PART NAME	MATERIALS	PLATING
BODY	NON-MAGNETIC BRASS	ALBALOY 80u"/COPPER
INSULATOR	PTFE	N/A
CONTACT PIN	NON-MAGNETIC BRASS	SILVER 200u"/COPPER
FERRULE/BARREL	BRASS	ALBALOY 80u"/COPPER
RING	NON-MAGNETIC BRASS	SILVER 200u"/COPPER
CLAMPER 1	NON-MAGNETIC BRASS	SILVER 200u"/COPPER
CLAMPER 2	PHOSPHOR BRONZE	ALBALOY 80u"/COPPER
SHELL	BRASS	ALBALOY 80u"/COPPER
GASKET	SITICONE	N/A

MECHANICAL CHARACTERISTICS

FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	N/A
RECOMMENDED COUPLING TORQUE	221-265 in-lbs
COUPLING NUT RETENTION FORCE	>225 lbs
DURABILITY	>500 cycles

ELECTRICAL CHARACTERISTICS

IMPEDANCE		50 Ω
VOLTAGE RATING		N/A
FREQUENCY RANGE		0 ~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>2500 V
CONTACT RESISTANCE	CENTER CONTACT	<0.4mΩ
	OUTER CONTACT	<1.5 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		$<0.1x\sqrt{F(GHz)}$
RF-LEAKAGE		N/A
VSWR		<1.30
3RD INTERMODULATION		<-160dBc@900MHz &1800MHz@2x43dBm (dynamic testing)

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE	-40 ℃~+125 ℃
SHOCK	MIL- STD 202, Meth. 213,Cond. I
VIBRATION	MIL- STD 202, Meth. 204,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 : 1 : 1
DRAWING : JING	DATE : 2020-05-27
	PAGE : 1/1

SUPERLINK

TITLE : 7/16 MALE S/T FOR TCOM-400 CABLE 50 OHM

DRAWING NO. : 5A7M14S-A230

COMPANY WEBSITE : www.slkcorp.com