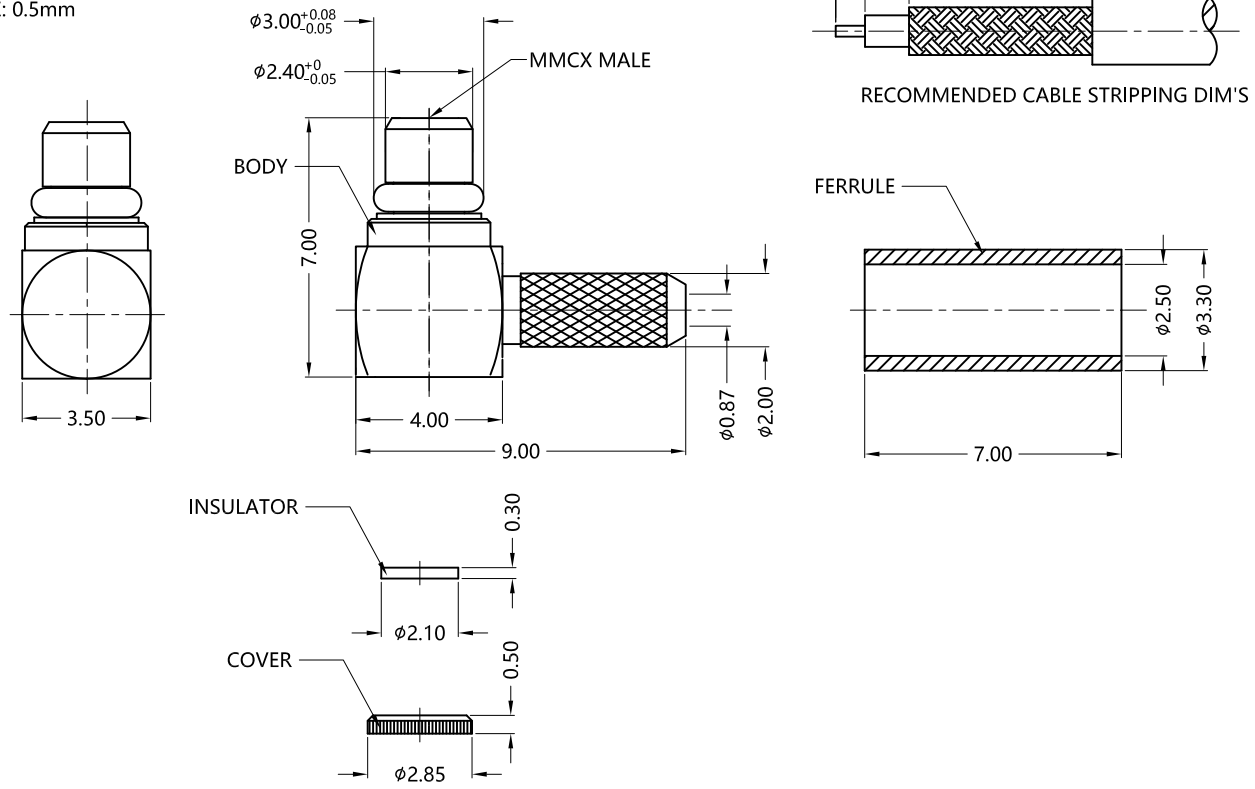
REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	update the drawing	N/A	WYJ	2018-11-26
2	NEW FRAME	N/A	LEI CHAO	2020-07-08
3	UPDATE DRAWING	N/A	PY	2021-03-05

ALL PARTS MUST MEET TO RoHS REQUIREMENTS

1. CRIMPED FERRULE HEX. CRIMP SIZE .112"
2. CONTACT PIN TO SOLDER
3. ADD SIZE: 0.5mm



MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 1.5 u"/NICKEL/COPPER
CONTACT PIN	BRASS C3604	GOLD 32 u"/NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
RING	Be-Cu C17300	GOLD 1.5 u"/NICKEL/COPPER
FERRULE	BRASS C3602	GOLD 1.5 u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		175 V(rms)
FREQUENCY RANGE		DC ~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>500 V
CONTACT RESISTANCE	CENTER CONTACT	<5.0 mΩ
	OUTER CONTACT	<2.5 mΩ
INSULATION RESISTANCE		>1000 MΩ
INSERTION LOSS		N/A
VSWR		< 1.23(SINGLE; WITH RG178)
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE	< 18 N
FORCE TO DISENGAGE	6 -17.8 N
CENTER CONTACT RETENTION FORCE	>10 N (Axial force)
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55 ℃~+155 ℃
SALT SPRAY	48H

* 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 :

CHECKED :

DRAWING :

CUSTOMER P/N : 619587-1 (3)

SCALE : 4: 1

DATE : 2020-07-08

PAGE : 1/1

SUPERLINK

TITLE : MMCX MALE R/A CRIMP FOR RG178B/U & RG196A/U CABLE ,50 Ω

DRAWING NO. : 5MCM11R-A03-019

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING