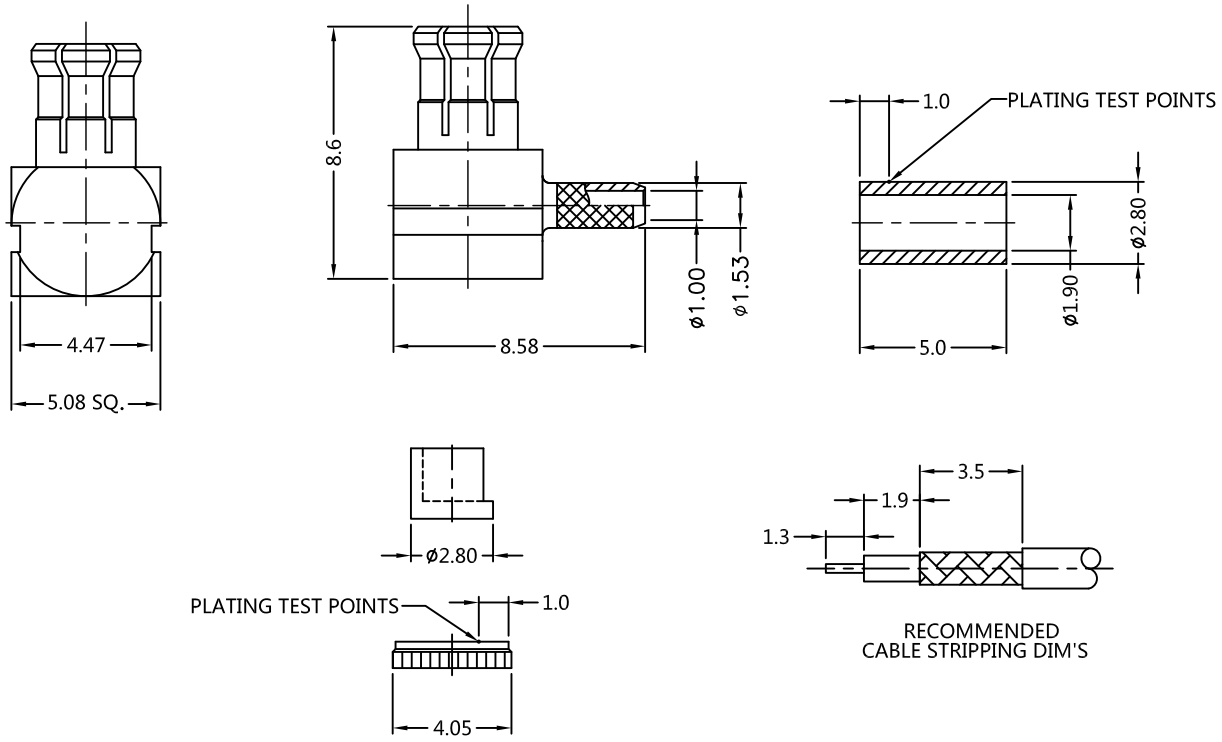
REV.	DESCRIPTION	ECN NO.	NAME	DATE
A3	ADD PLATING THICKNESS	N/A	YWD	2017-06-21
A4	NEW FRAME	N/A	LDH	2020-6-30

ALL PARTS MUST MEET TO RoHS REQUIREMENTS

1. CRIMPED FERRULE
   HEX. CRIMP SIZE .095"
2. CONTACT PIN TO SOLDER



RECOMMENDED
CABLE STRIPPING DIM'S

MATERIALS AND PLATING UNIT: MICRO-INCHES

PART NAME	MATERIALS	PLATING
BODY	BRASS	GOLD5u"/NICKEL100-200u"/COPPER50u"
CONTACT PIN	BRASS C3604	GOLD15u"/NICKEL100-200u"/COPPER50u"
INSULATOR	PTFE ASTM-D-1710	N/A
FERRULE	BRASS	GOLD1u"/NICKEL100-200u"/COPPER50u"
COVER	BRASS	GOLD3u"/NICKEL100-200u"/COPPER50u"
OUT CONTACT	BERYLLIUM COPPER	GOLD5u"/NICKEL100-200u"/COPPER50u"
INSULATOR	POM	N/A

ELECTRICAL CHARACTERISTICS

IMPEDANCE		50 Ω
VOLTAGE RATING		170 V(rms)
FREQUENCY RANGE		0 ~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>500 V
CONTACT RESISTANCE	CENTER CONTACT	<5.0 mΩ
	OUTER CONTACT	<2.5 mΩ
INSULATION RESISTANCE		>1000 MΩ
VSWR SINGLE		<1.25(0~4GHZ) SINGLE <1.35(0~6GHZ) SINGLE
INSERTION LOSS		N/A
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS

SEPARATION FORCE	1.8~4.5 lbs
CENTER CONTACT RETENTION FORCE	>2.25 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE	-55 ℃~+85 ℃
PROTECTION GRADE	N/A
THERMAL SHOCK	US MIL- STD 202, METH. 107,COND.C
VIBRATION	US MIL- STD 202, METH. 204,COND. D
CORROSION	US MIL- STD 202, METH. 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 : 1
DRAWING : LDH	DATE : 2020-6-30
	PAGE : 1/1

SUPERLINK

TITLE : MCX MALE R/A FOR ø1.37 CABLE,50Ω

DRAWING NO. : 5MXM11R-A72

COMPANY WEBSITE : www.slkcorp.com