

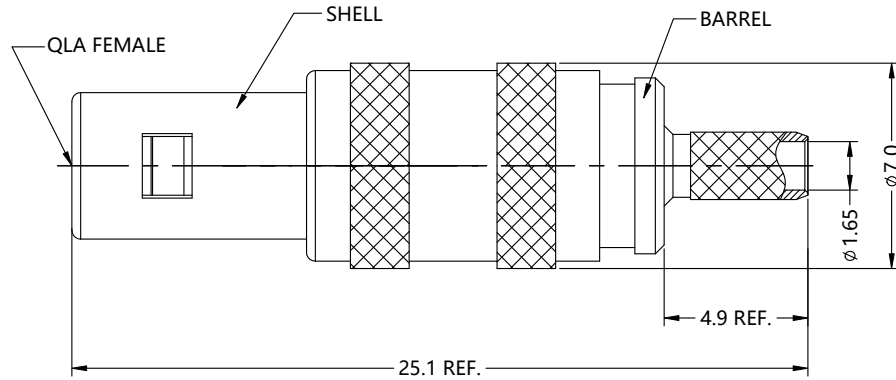
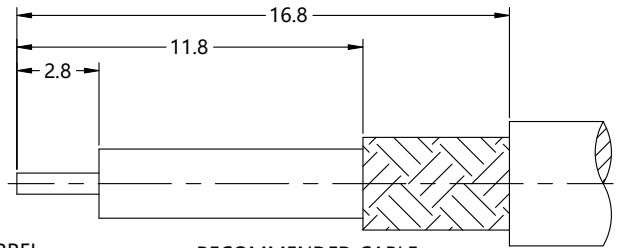


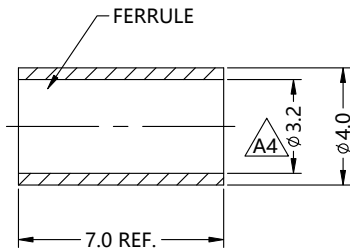
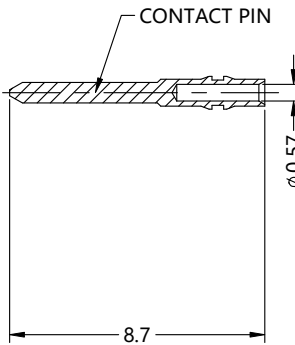
REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
A3	NEW FRAME	N/A	HRWEI	2020-07-14	
A4	UPDATE THE DIMENSION OF FEERULE AND HEX	N/A	Kevin.Li	2021-04-12	

NOTES:

- CONTACT PIN TO CRIMP THE HEX. SIZE 0.7mm
- ADD SIZE: 8.8 mm
- FERRULE TO CRIMPED THE HEX. SIZE 3.3mm 



RECOMMENDED CABLE STRIPPING DIM'S



NON-MAGNETIC CONNECTOR

MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY,SHELL	NON-MAGNETIC BRASS	ALBALOY 80 u"/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
CONTACT PIN	NON-MAGNETIC BRASS	GOLD 5 u" /COPPER
OUTER CONTACT	NON-MAGNETIC Be-Cu	ALBALOY 80 u"/COPPER
BARREL	NON-MAGNETIC BRASS	ALBALOY 80 u"/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	300 V(rms)
FREQUENCY RANGE	0~ 1.4 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>1500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	<0.1X \sqrt{f} GHz dB
VSWR	<1.25
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	N/A
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C~+125 °C

*** CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED:

- EDGES : C0.15 MAX ;
- REMOVE ALL BURRS ;
- SURFACE ROUGHNESS : Ra1.6 ;
- UNITS : mm ;
- DIMENSIONS TOLERANCES
 DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1;
 ANGLES : ± 5°.

THIRD ANGLE PROJECTION 

APPROVED :	CUSTOMER P/N :
CHECKED :	SCALE :
DRAWING :	DATE :
	PAGE : 1/1



TITLE : QLA FEMALE S/T CRIMP FOR ENVIROFLEX_316_D CABLE,50Ω
 DRAWING NO. : NM-5QLF11S-A50
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING