REV.	DESCRIPTION	ECN NO.	NAME	DATE
A0	FIRST EDITION		YONGLIANG	2026/7/20

ALL PARTS MUST MEET TO RoHS REQUIREMENTS

NOTES:
1." * "KEY CONTROL SIZE .
" ▼"SPECIAL CHARACTERISTIC SYMBOL.
2.MATERIALS AND FINISH:
HOUSING: HIGH TEMP. PLASTICS
BODY: ZINC ALLOY, TIN PLATING.
INSULATOR: INSULATING PLASTIC.
CONTACT PIN: COPPER ALLOY, 100u" NICKEL PLATING OVER THE ENTIRE SURFACE,2u" GOLD PLATING ON CONTACT AREAS,AND 100u" TIN PLATING ON SOLDER AREAS.
RICAL DATA:
A.IMPEDANCE: 100 Ω;
B.FREQUENCY RANGE: DC to 4 GHz;
C.RETURN LOSS REQUIREMENT;

FREQUENCY, GHz	RETURN LOSS
DC~1.5GHz	⩾25dB
1.5GHz~3GHz	⩾23dB
3GHz~4GHz	⩾20dB

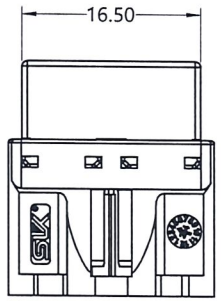
D.TEST VOLTAGE : 800 V rms.
E.INSULATION RESISTANCE: ⩾1X10³ MΩ.

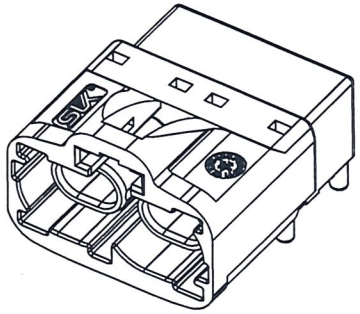
3.MECHANICAL DATA:
A.MATING CYCLES:⩾25 ;
B.RETENTION FORCE LATCH:⩾110N.
4.ENVIRONMENTAL DATA :
A.TEMPERATURE RANGE:-40°C To +105°C.

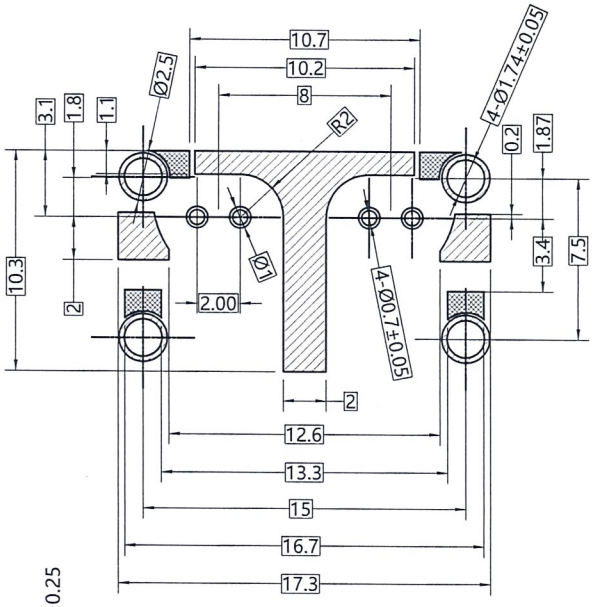
CODE TABLE

CODING	SLK P/N	COLOR	RAL
A	10XE2M2AR-P44-101	JET BLACK	9005
B	10XE2M2BR-P44-101	PURE WHITE	9010
C	10XE2M2CR-P44-101	LIGHT BLUE	5012
D	10XE2M2DR-P44-101	CLARET VIOLET	4004
E	10XE2M2ER-P44-101	MAY GREEN	6017
F	10XE2M2FR-P44-101	NUT BROWN	8011
G	10XE2M2GR-P44-101	platinum grey	7036
H	10XE2M2HR-P44-101	light pink	3015
J	10XE2M2JR-P44-101	beige	1001
K	10XE2M2KR-P44-101	curry	1027
L	10XE2M2LR-P44-101	yellow green	6018
M	10XE2M2MR-P44-101	pastel orange	2003
O	10XE2M2OR-P44-101	light gteen	6027
Z	10XE2M2ZR-P44-101	water blue	5012

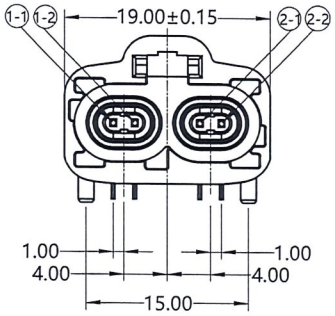
CUSTOMER OUTLINE DRAWING

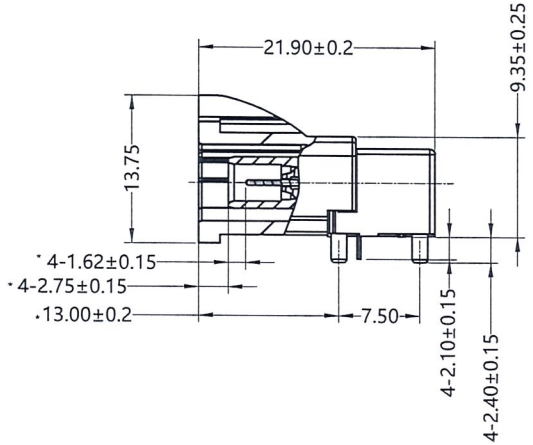






RECOMMENDED PCB LAYOUT





UNLESS OTHERWISE SPECIFIED:
1) EDGES: C0.15MAX
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: ±2° AXIALITY: 0.05

THIRD ANGLE PROJECTION		CUSTOMER P/N:	
APPROVE:		PNUM:	
STANDARD:		LIFT STAGE:	
PROCESS:		SCALE:	1.5:1
CHECK:		FRAME:	A4
DRAWING:	YONGLIANG	PAGE:	2/2
		DATE:	2026/7/20

TITLE: Ethernet quad-cell end elbow
PRODUCT P/N: 10XE4M2*R-P48-102
WEBSITE : www.slkcorp.com