REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION		YONGLIANG	2026/9/30

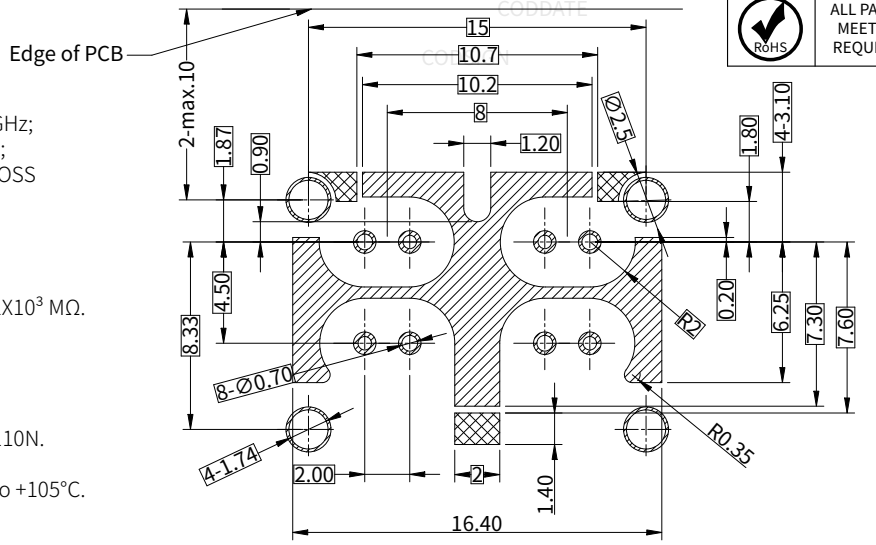
ALL PARTS MUST MEET TO RoHS REQUIREMENTS

NOTES:
1." * "KEY CONTROL SIZE .
"▼"SPECIAL CHARACTERISTIC SYMBOL.
2.MATERIALS AND FINISH:
HOUSING: HIGH TEMP. PLASTICS
BODY: ZINC ALLOY, TIN PLATING.
LONG INSULATOR: INSULATING PLASTIC.
LONG CONTACT PIN: COPPER ALLOY, 100u" NICKEL PLATING OVER THE ENTIRE SURFACE,2u" GOLD PLATING ON CONTACT AREAS,AND 100u" TIN PLATING ON SOLDER AREAS.
SHORT INSULATOR: INSULATING PLASTIC.
SHORT CONTACT PIN: COPPER ALLOY, 100u" NICKEL PLATING OVER THE ENTIRE SURFACE,2u" GOLD PLATING ON CONTACT AREAS,AND 100u" TIN PLATING ON SOLDER AREAS.
METAL GEAR:STAINLESS STEEL. NICKEL PLATING.

RICAL DATA：
A.IMPEDANCE: 100 Ω;
B.FREQUENCY RANGE: DC to 4 GHz;
C.RETURN LOSS REQUIREMENT;

FREQUENCY, GHz	RETURN LOSS
0.01＜f ⩽ 1.5	⩾25dB
1.5＜f ⩽ 3	⩾23dB
3＜f ⩽ 4	⩾20dB

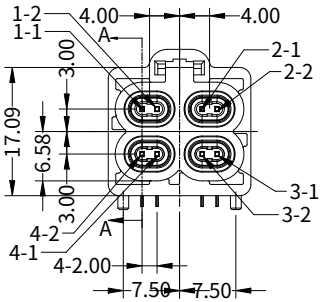
D.TEST VOLTAGE : 800 V rms.
E.INSULATION RESISTANCE: ⩾1X10^3 MΩ.
F.WORKING VOLTAGE : 60 V DC.
G.CENTER TERMINAL : ⩽1 A DC.
3.MECHANICAL DATA：
A.MATING CYCLES:⩾25 ;
B.RETENTION FORCE LATCH:⩾110N.
4.ENVIRONMENTAL DATA：
A.TEMPERATURE RANGE:-40°C To +105°C.

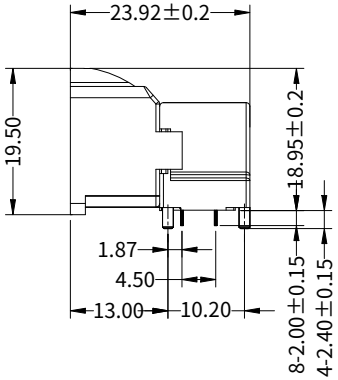


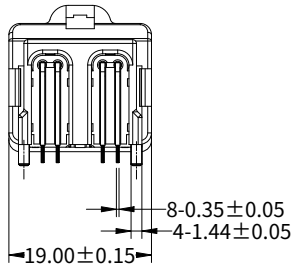
RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

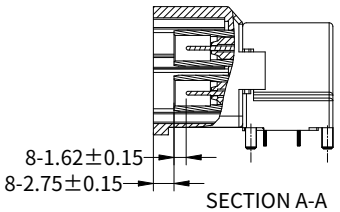
Mechanical and Color Coding			
SLK P/N	Color	Coding	RAL
10XE4M2AR-P48-102	JET BLACK	A	9005
10XE4M2BR-P48-102	PURE WHITE	B	9010
10XE4M2CR-P48-102	LIGHT VIOLET	C	5012
10XE4M2DR-P48-102	CLARET VIOLET	D	4004
10XE4M2ER-P48-102	MAY GREEN	E	6017
10XE4M2FR-P48-102	NUT BROWN	F	8011
10XE4M2GR-P48-102	PLATINUM GREY	G	7036
10XE4M2HR-P48-102	LIGHT PINK	H	3015
10XE4M2JR-P48-102	BEIGE	J	1001
10XE4M2KR-P48-102	CURRY	K	1027
10XE4M2LR-P48-102	YELLOW GREEN	L	6018
10XE4M2MR-P48-102	PASTEL ORANGE	M	2003
10XE4M2OR-P48-102	LIGHT GREEN	0	6027
10XE4M2ZR-P48-102	WATER BLUE	Z	5021

CUSTOMER OUTLINE DRAWING

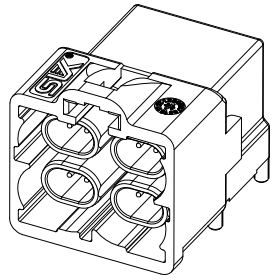








SECTION A-A



UNLESS OTHERWISE SPECIFIED:
1) EDGES: C0.15MAX
2) REMOVE ALL BURRS;
3) SURFACE ROUGHNESS: Ra0.8
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:	10XE4M2*R-P48-102
APPROVE:	APPROVED	PNUM:	
STANDARD:	STANDARDS	LIFT STAGE:	
PROCESS:	PROCESSES	SCALE:	1:1
CHECK:	CHECKED	FRAME:	A4
DRAWING:	YONGLIANG	PAGE:	2/2
		DATE:	2026/9/30

TITLE: ETW 4 way PCB Connector 90
PRODUCT P/N: 10XE4M2*R-P48-102
WEBSITE : www.slkcorp.com