

SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: PBT OR PA6T, UL 94V-0, BLACK OR GREY
2. CONTACT: COPPER ALLOY
PLATING: AU PLATED ON CONTACT AREA,
SN ON SOLDER AREA

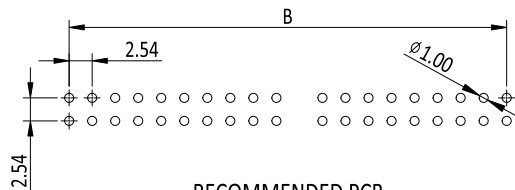
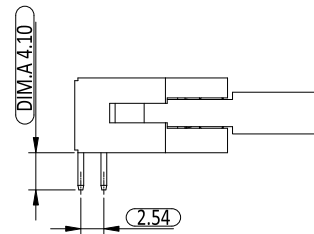
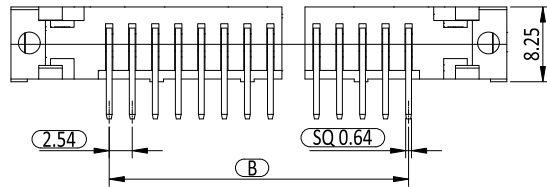
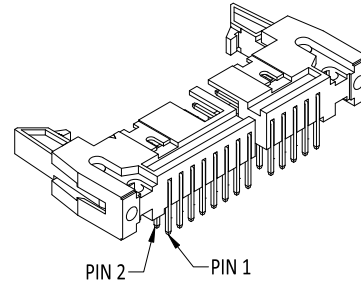
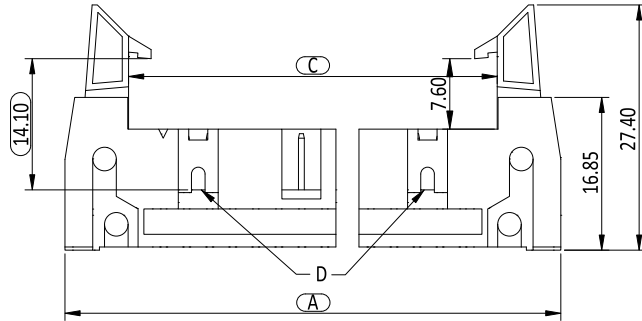
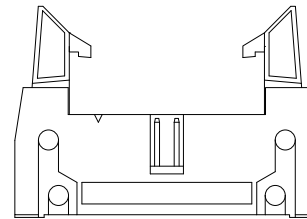


ELECTRICAL CHARACTERISTIC:

1. CURRENT RATING: 3 A
2. CONTACT RESISTANCE: 20 mΩ MAX.
3. INSULATOR RESISTANCE: 5000 MΩ MIN.
4. DIELECTRIC WITHSTANDING: 1000 VAC

ENVIRONMENT:

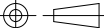
1. OPERATING TEMPERATURE: -40°C ~ +105°C
2. MAX. PROCESSING TEMP: 230°C FOR 60 SECONDS
260°C FOR 10 SECONDS

RECOMMENDED PCB
HOLE LAYOUT

10P.12P.14P.16P

CONTACTS	10 PIN	12 PIN	14 PIN	16 PIN	20 PIN	24 PIN
A	31.90	34.60	36.98	39.52	44.60	49.68
B	10.16	12.70	15.24	17.78	22.86	27.94
C	18.00	20.54	23.08	25.62	30.70	35.78
D	NO	NO	NO	NO	YES	YES
CONTACTS	26 PIN	30 PIN	34 PIN	40 PIN	50 PIN	
A	52.15	57.40	62.38	70.00	82.70	
B	30.48	35.56	40.64	48.26	60.96	
C	38.32	43.40	48.48	56.10	68.80	
D	YES	YES	YES	YES	YES	

XXX=PIN NO.

1	5210103XXX0	301AEXXPGAR0A3	GOLD FLASH	PBT	BLACK	
ITEM	NEW P/N	OLD P/N	CONTACT	INSULATOR	COLOR	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE			 SIP	 CHANT SINCERE CO.,LTD		
0 ±0.3 .00 ±0.20 .000 ±0.100			 Cmk Cpk			
SCALE: AS SHOWN			UNIT: mm	TITLE: DUAL ROW HEADER PITCH:2.54mm W/LONG LATCH		
DRAWN: HOLLY_TU			03 Jan 2025			
CHECKED: PEARL_HUNG			07 Jan 2025			
APPROVED: PEARL_HUNG			07 Jan 2025	PART NO. 5210103XXX0		
	SIZE A4	SHEET 1/1	REV. G	CODE: C6		CUSTOMER:
7		8		9		10

	G	ECN-2501002(KIRA)ADD NEW P/N	03JAN2025
	F	ECN-1210021(LEO)CHANGE OUTLINE	12OCT2012
	E	ECN-1005092(JENNY)CHANGE OUTLINE	19MAY2010
ZONE	REVISION	DESCRIPTION	DATE
1	2	3	4
5	6		