

HF
compliant



SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: LCP E6808, RATED UL94V-0, BLACK
2. CONTACTS: COPPER ALLOY
PLATING: UNDERPLATE: 50~120u" NI
CONTACT AREA: 1~8u" AU
SOLDER TAILS AREA: 1u" AU

ELECTRICAL CHARACTERISTIC:

1. CURRENT RATING: CONTACT: 2.0 A
GROUND PLANE: 7.8 A
2. VOLTAGE RATING: 225 VAC (5mm STACK HEIGHT)
3. WITHSTANDING VOLTAGE: 675 VAC

MECHANICAL CHARACTERISTIC:

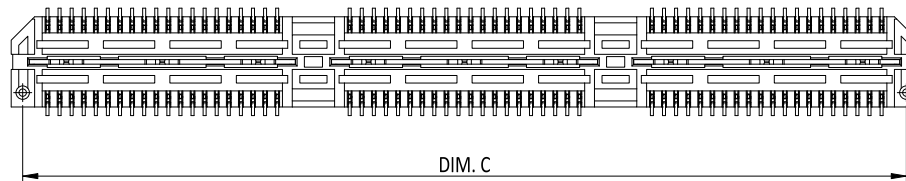
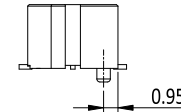
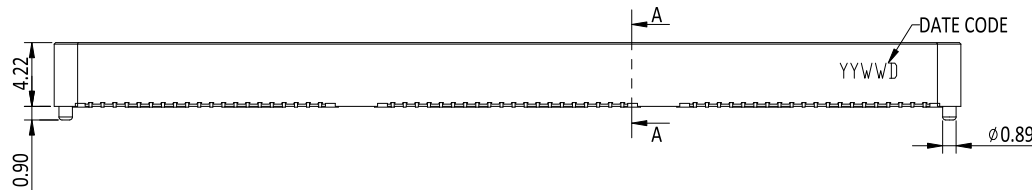
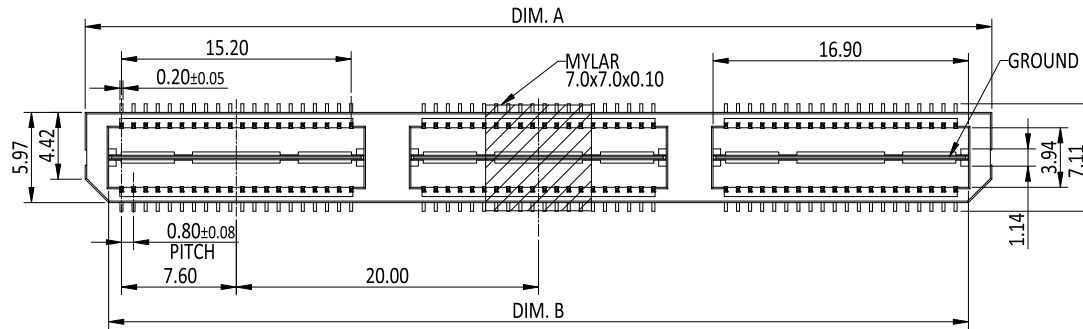
1. MATING CYCLES: 100 INSERTIONS

ENVIRONMENT:

1. OPERATING TEMP RANGE:-55°C TO + 125°C

PACKING:

1. TAPE REEL



	40 PIN	80 PIN	120 PIN
DIM A	20.00	40.00	60.00
DIM B	16.90	36.90	56.90
DIM C	18.48	38.48	58.48

DATE CODE:

YY WW D

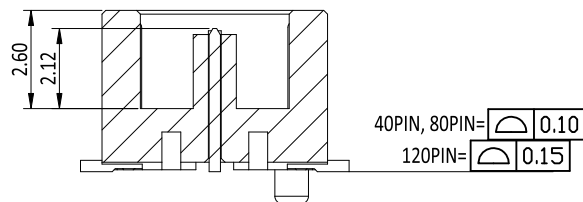
D=WEEKDAY
ORDINATE (1-7) WHERE
"1"=SUNDAY

WW=Week
YY=Year

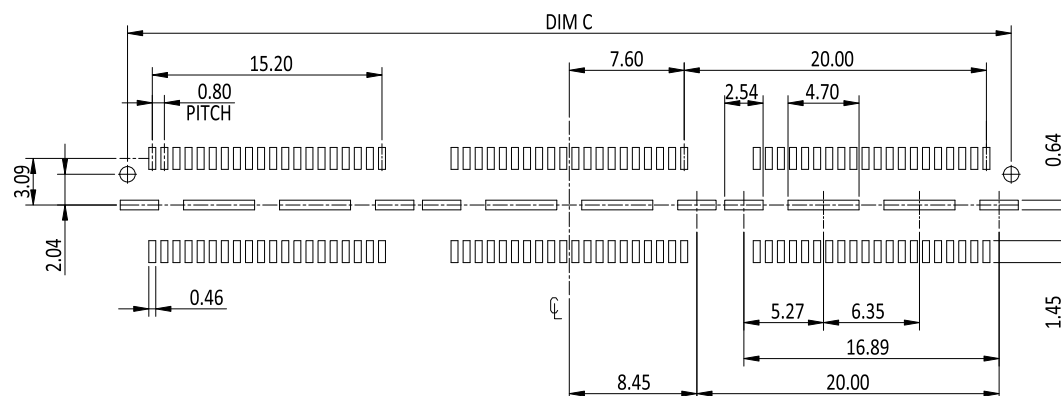
3	51901030030	814DGC0A1ST301C3	120	8u" AU/1u" AU	W/O DC, W/O MYLAR
2	51901030020	814DG80A1ST301C3	80	8u" AU/1u" AU	W/O DC, W/O MYLAR
1	51901030010	814DG40A1ST301C3	40	8u" AU/1u" AU	W/O DC, W/O MYLAR
ITEM	NEW P/N	OLD P/N	PIN	PLATING	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE			SIP		
ANG. ±5°			Cmk		
0. ±0.30			Cpk		
.0 ±0.20			CHANT SINCERE CO., LTD		
.00 ±0.12			TITLE: NDR-17004		
SCALE: AS SHOWN			UNIT: mm		
DRAWN: HOLLY_TU			16 Apr 2025		
CHECKED: PEARL_HUNG			17 Apr 2025		
APPROVED: PEARL_HUNG			17 Apr 2025		
PART NO. 5190103XXXX			C		
CODE: GC			CUSTOMER:		

	D	ECN-2504063(KIRA)ADD NEW P/N			16APR2025
	C	ECN-207019(BRIAN)MODIFY CONTACT UNDERPLATE			13JUL2020
	B	ECN-202039(BRIAN)MODIFY ELECTRICAL			12FEB2020
ZONE	REVISION	DESCRIPTION			DATE
1	2	3	4	5	6

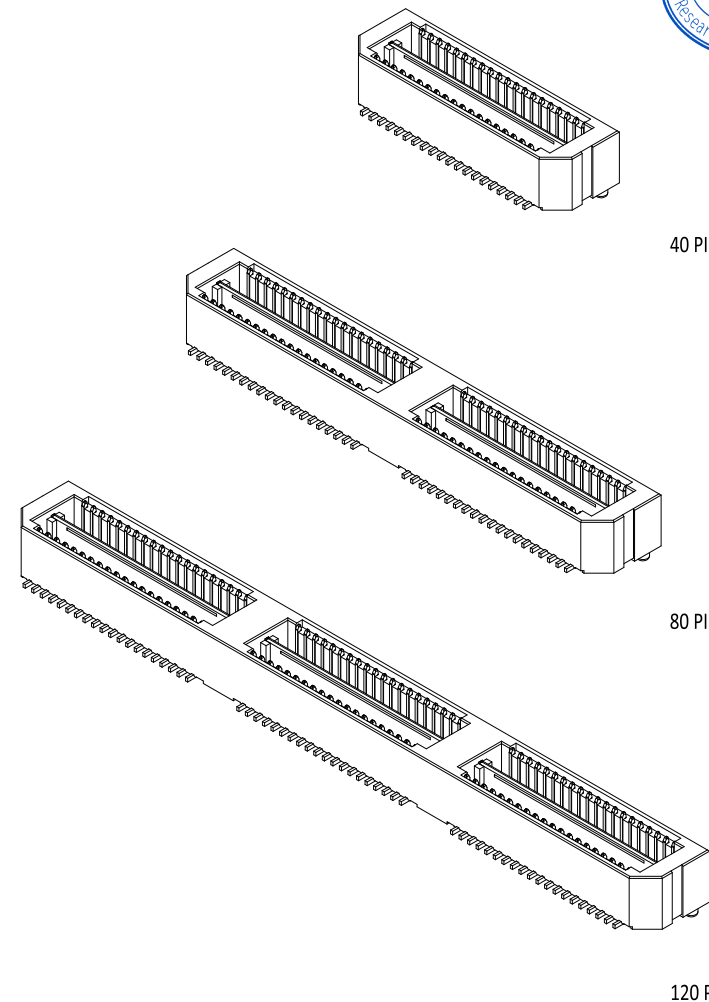
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剖面圖 A-A



RECOMMEND PCB LAYOUT
TOLERANCES: ± 0.03



UNLESS OTHERWISE SPECIFIED TOLERANCE			 SIP	 CHANT SINCERE CO.,LTD
ANG. $\pm 5^{\circ}$			 Cmk Cpk	
0. ± 0.30				
0 ± 0.20				
.00 ± 0.12				
SCALE: AS SHOWN		UNIT: mm	TITLE: HI-SPEED GROUND PLANE HEADER PITCH=0.80mm, 4.22mm HIGH, 20PINS/BANK	
DRAWN: HOLLY_TU		16 Apr 2025		
CHECKED: PEARL_HUNG		17 Apr 2025	PART NO. 5190103XXXX	
APPROVED: PEARL_HUNG		17 Apr 2025		
	SIZE A4	SHEET 2/2	REV. D	C
7		8	9	10

	D	ECN-2504063(KIRA)ADD NEW P/N	16APR2025
	C	ECN-207019(BRIAN)SEE DWG 1/2	13JUL2020
	B	ECN-202039(BRIAN)SEE DWG 1/2	12FEB2020
ZONE	REVISION	DESCRIPTION	DATE
1	2	3	4