

HF
compliant



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

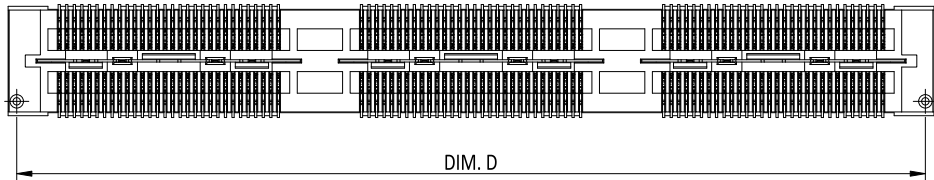
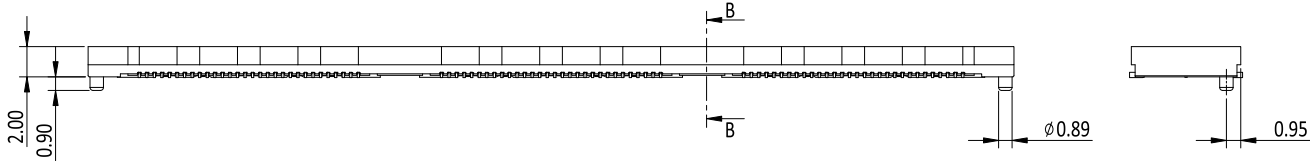
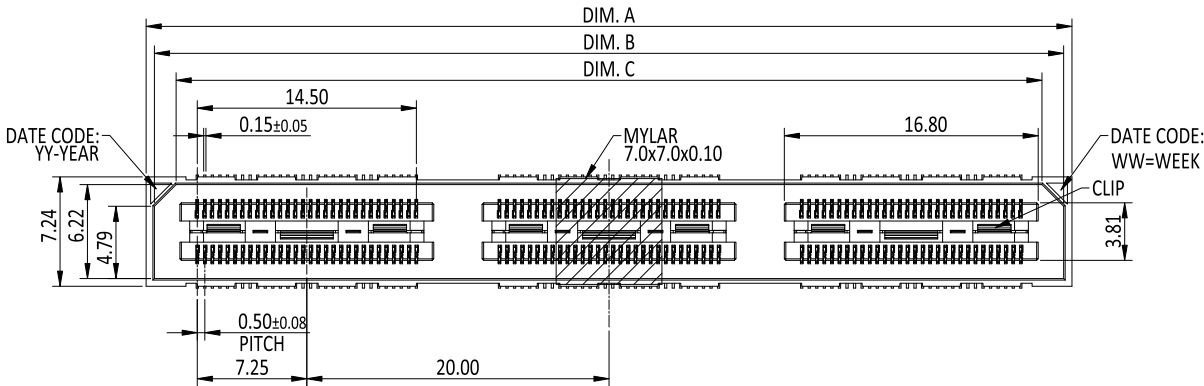
ELECTRICAL CHARACTERISTIC:
1. CURRENT RATING: CONTACT: 2.0 A
 GROUND PLANE: 7.8 A
2. VOLTAGE RATING: 175 VAC(5mm STACK HEIGHT)
3. WITHSTANDING VOLTAGE: 525 VAC

MECHANICAL CHARACTERISTIC:
1. MATING CYCLES: 100 INSERTIONS

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

PACKING:
1. TAPE REEL

	60 PIN	120 PIN	180 PIN
DIM. A	21.27	41.27	61.27
DIM. B	20.17	40.17	61.17
DIM. C	17.17	37.17	57.17
DIM. D	20.13	40.13	60.13

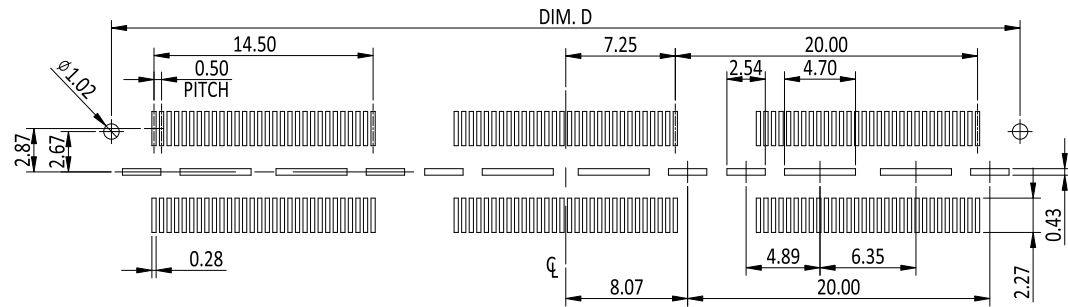
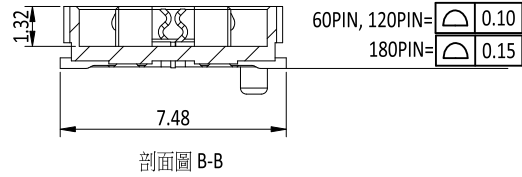


3	51904010030	861DGJ0B1ST301C3	180	8u"AU/1u"AU	W/O DC, W/O MYLAR
2	51904010020	861DGC0B1ST301C3	120	8u"AU/1u"AU	W/O DC, W/O MYLAR
1	51904010010	861DG60B1ST301C3	60	8u"AU/1u"AU	W/O DC, W/O MYLAR
ITEM	NEW P/N	OLD P/N	PIN	CONTACT	NOTE

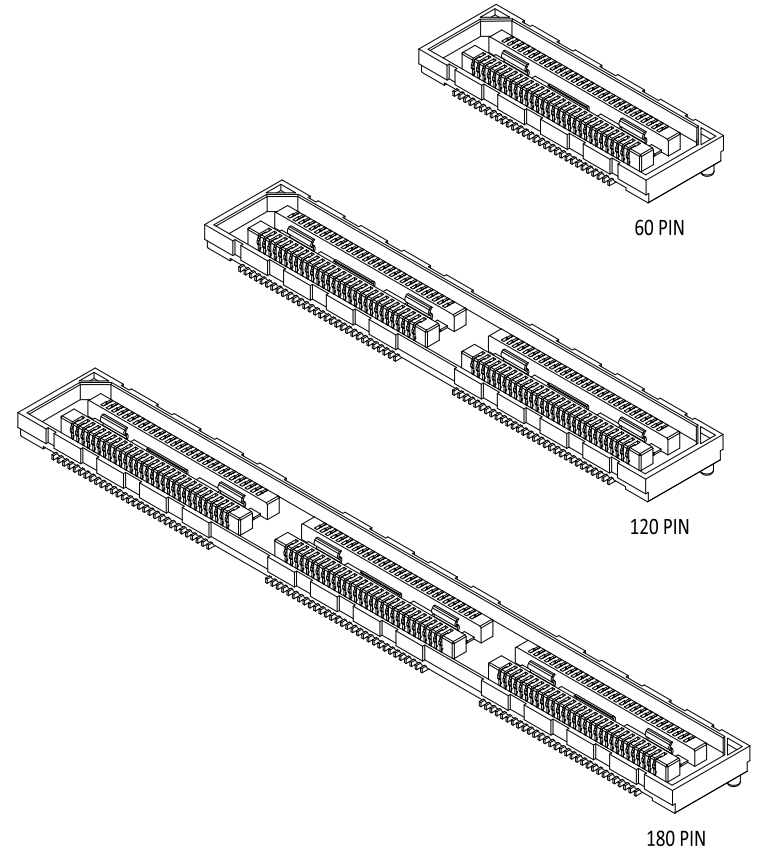
UNLESS OTHERWISE SPECIFIED TOLERANCE		SIP Cmk Cpk	 CHANT SINCERE CO.,LTD		
ANG.	±2°				
0.	±0.30	SCALE: AS SHOWN		UNIT: mm	
.0	±0.20	DRAWN: HOLLY_TU		17 Apr 2025	
.00	±0.12	CHECKED: PEARL_HUNG		21 Apr 2025	
SCALE: AS SHOWN		APPROVED: PEARL_HUNG		21 Apr 2025	
DRAWN: HOLLY_TU		TITLE: NDR-16018		HI-SPEED SOCKET	
CHECKED: PEARL_HUNG		PITCH=0.50mm, 2.05mm HIGH		PART NO. 5190401XXXX	
APPROVED: PEARL_HUNG		REV. D		CODE: GC	
CUSTOMER:		C			

	D	ECN-2504073(KIRA)ADD NEW P/N	16APR2025
	C	ECN-207020(BRIAN)MODFIY CONTACT UNDERPLATE	13JUL2020
	B	ECN-203001(BRIAN)MODFIY ELECTRICAL	02MAR2020
ZONE	REVISION	DESCRIPTION	DATE

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RECOMMENDED PCB LAYOUT
TOLERANCES: $\pm 0.03\text{mm}$



UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP		 CHANT SINCERE CO.,LTD	
ANG. $\pm 2^\circ$		 Cmk Cpk			
0. ± 0.30					
.0 ± 0.20					
.00 ± 0.12					
SCALE: AS SHOWN		UNIT: mm			
DRAWN: HOLLY_TU		17 Apr 2025		TITLE: NDR-16018	
CHECKED: PEARL_HUNG		21 Apr 2025		HI-SPEED SOCKET	
				PITCH=0.50mm, 2.05mm HIGH	
APPROVED: PEARL_HUNG		21 Apr 2025		PART NO. 5190401XXXX	
				C	
		SIZE A4		SHEET 2/2	
		REV. D		CODE: GC	
7		8		9	
				10	

	D	ECN-2504073((KIRA)ADD NEW P/N	16APR2025
	C	ECN-207020(BRIAN)SEE DWG 1/2	13JUL2020
	B	ECN-203001(BRIAN)SEE DWG 1/2	02MAR2020
ZONE	REVISION	DESCRIPTION	DATE