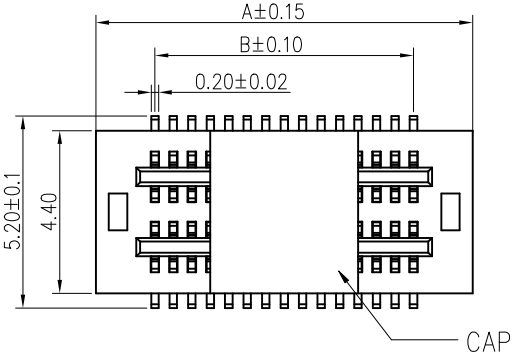
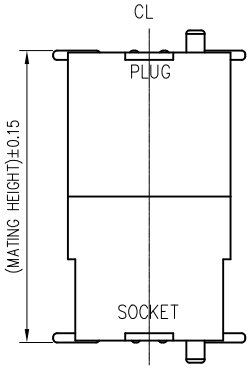
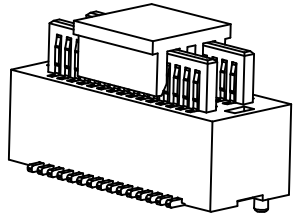




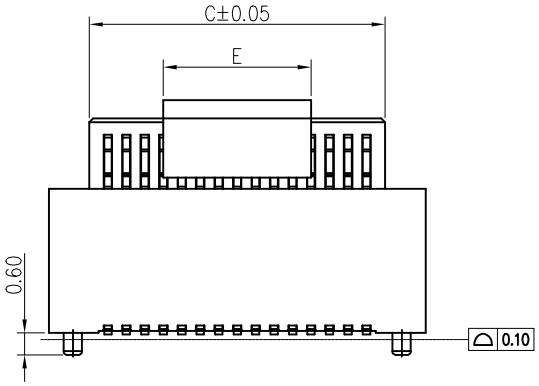
MATING HEIGHT
SCALE:1.25:1

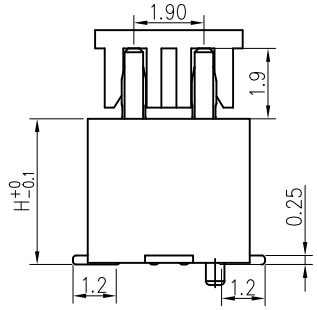


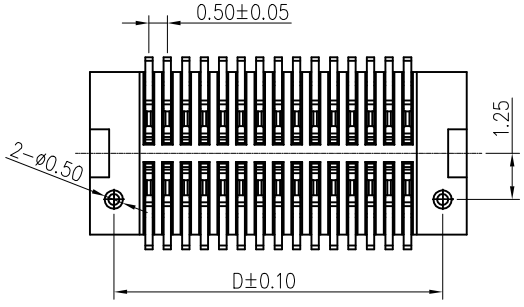
3D VIEW

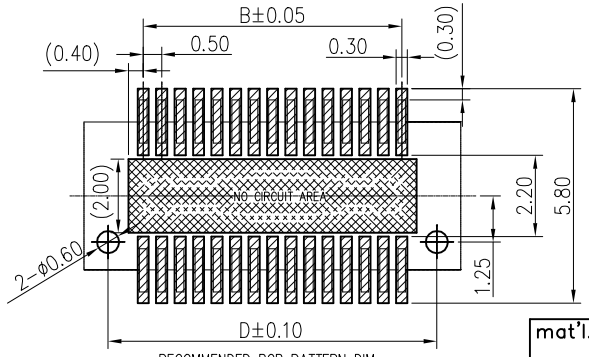
NOTES:
1. HOUSING MATERIAL: HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR: BLACK
2. CONTACT MATERIAL : PHOSPHOR BRONZE
3. CONTACT PLATING : 1u" GOLD FLASH ON CONTACT AREA 50u" NI UNDER PLATING OVERALL
4. CO-PLANARITY FOR CONTACT TAILS MUST BE 0.1mm MA
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10SECONDS IN A REFLOW SOLDERING OVEN
6. PART NUMBER DESCRIPTION:
10165430-X XXX X X LF

- LF: LEAD FREE
- PACKAGING
  0. TAPE AND REEL WITH CAP
- CONTACT PLATING
  0. GOLD FLASH
- PIN NUMBER
  010: 2X5PIN
  020: 2X10PIN
  100: 2X50PIN
- PLUG HEIGHT
  1: 4.0MM









RECOMMENDED PCB PATTERN DIM.
TOLERANCE : ±0.05

MATING HEIGHT	PLUG (H.)	SOCKET (H.)
7.0	4.0	3.0
7.5	4.0	3.5
8.0	4.0	4.0
8.5	4.0	4.5

NO.of contacts	Dimensions A.	B.	C.	D.	E.
10	5.20	2.00	3.00	3.90	4.00
20	7.70	4.50	5.50	6.40	
30	10.20	7.00	8.00	8.90	
40	12.70	9.50	10.50	11.40	8.00
50	15.20	12.00	13.00	13.90	
60	17.70	14.50	15.50	16.40	
70	20.20	17.00	18.00	18.90	
80	22.70	19.50	20.50	21.40	
90	25.20	22.00	23.00	23.90	
100	27.70	24.50	25.50	26.40	

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO	projection 1101	product family
ltr	ecn no	dr	date	tolerances unless otherwise		specified	Bergstak
A	-	SF	2024/03/26	angles	linear .0±.25	mm	title
				0°±2°	.00±.15	scale 1:1	0.5mm PITCH BTB CONNECTOR PLUG
					.000±.10		
				dr Sanford Lu 2024/03/26			dwg no 10165430 sheet 1 of 1 size A3
				engr Sanford Lu 2024/03/26		Amphenol FCi	
				chr Li-Qing Lei 2024/03/26			
				appd Tim Yao 2024/03/26			type Product Customer Drawing
sheet index	revision sheet	A 1/1					

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