

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

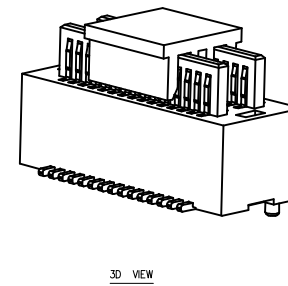
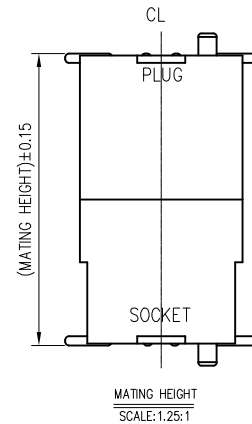
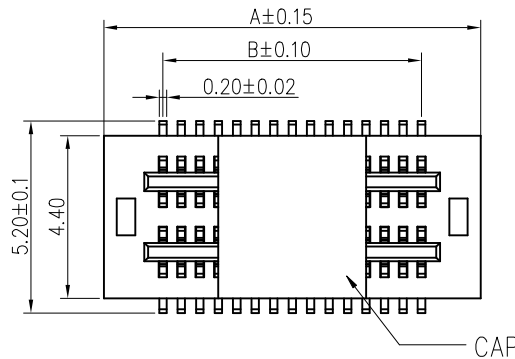
010: 2X5PIN

020: 2X10PIN

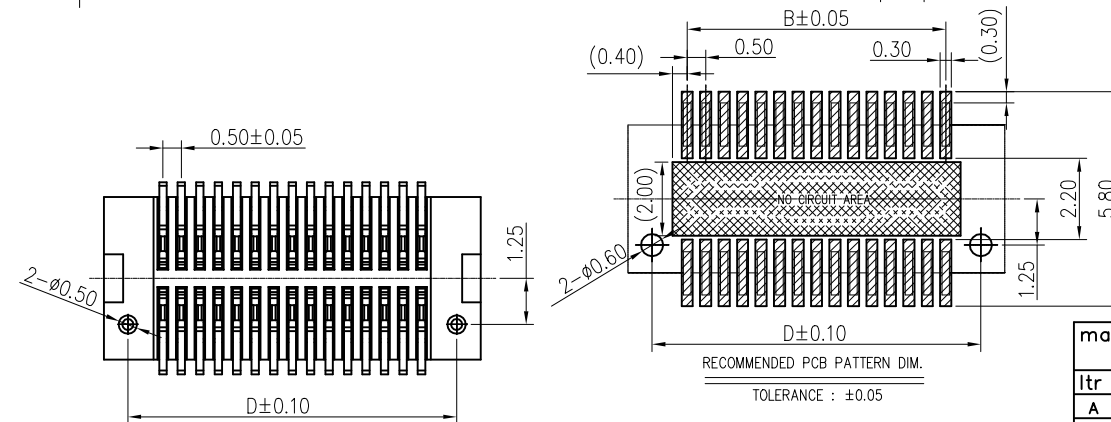
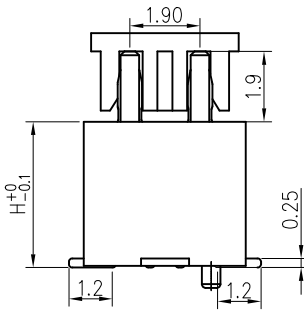
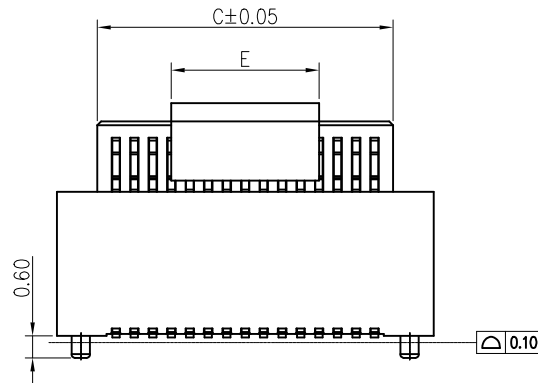
100: 2X50PIN

PLUG HEIGHT

1: 4.0MM



3D VIEW



MATING HEIGHT	PLUG (H.)	SOCKET (H.)	NO. of contacts	Dimensions				
				A.	B.	C.	D.	E.
7.0	4.0	3.0	10	5.20	2.00	3.00	3.90	
			20	7.70	4.50	5.50	6.40	4.00
7.5	4.0	3.5	30	10.20	7.00	8.00	8.90	
8.0	4.0	4.0	40	12.70	9.50	10.50	11.40	
8.5	4.0	4.5	50	15.20	12.00	13.00	13.90	
			60	17.70	14.50	15.50	16.40	8.00
			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 1101			projection 			product family Bergstak					
ltr		ecn no		dr		date		tolerances unless otherwise specified			title							
A		-		SF		2024/03/26		angles linear .0±.25			0.5mm PITCH BTB CONNECTOR							
								.00±.15			PLUG							
								.000±.10			scale 1:1							
						dr		Sanford Lu			2024/03/26							
						engr		Sanford Lu			2024/03/26							
						chr		Li-Qing Lei			2024/03/26							
						appd		Tim Yao			2024/03/26							
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		sheet		1/1														
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