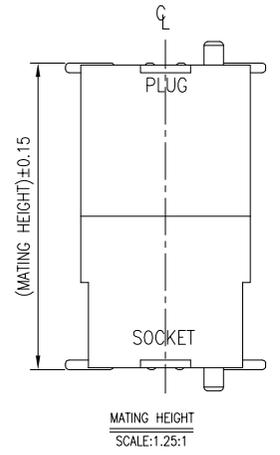
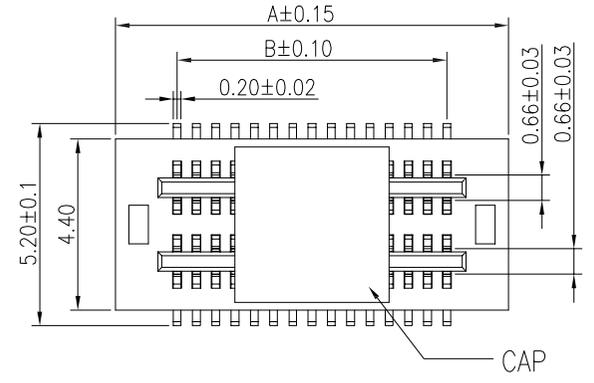


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/08/12	Ryan Lu



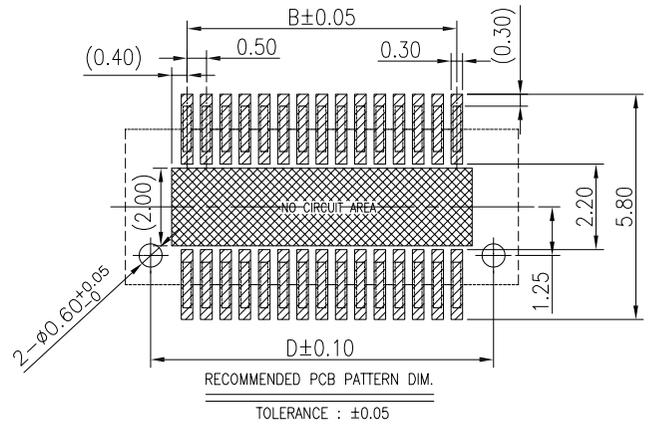
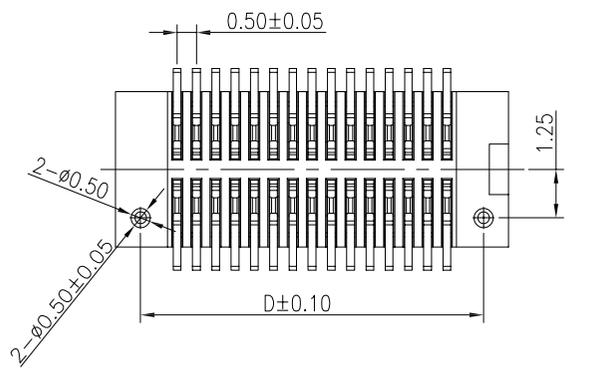
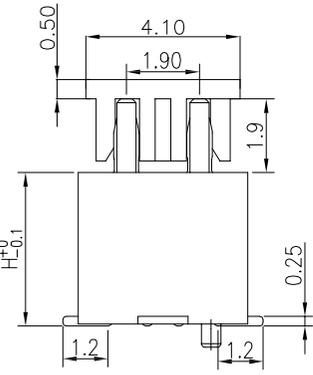
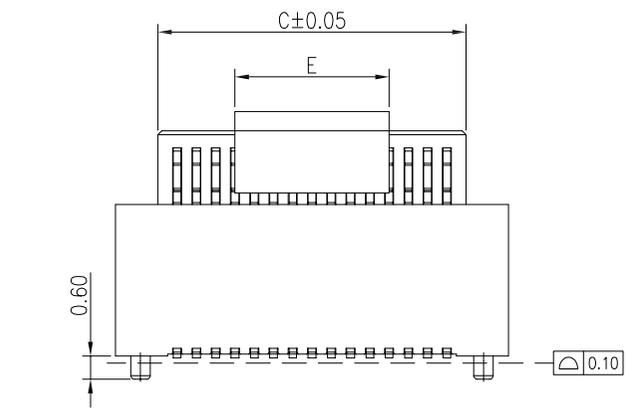
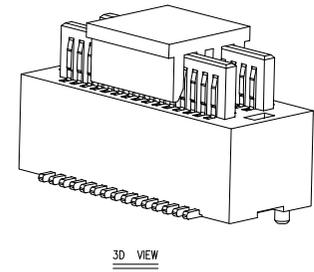
NOTES:

- HUOSING: PA9T HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR:BLACK
- TERMINAL: COPPER ALLOY
PLATING: 1μ" GOLD FLASH OVERALL 50~100μ" NICKEL UNDER PLATED.
- CODING INFORMATION: **MB2xx-GxxP-BxR**

PACKING: R: CARRIER REEL
 0: WITHOUT POSITIONING POSTS
 1: WITH POSITIONING POSTS
 COLOR: BLACK
 PLUG
 PIN
 PLATING: G: GOLD FLASH

0.5 BTB
 HEIGHT: 40--4.0H

MATRIX BTB CONNECTOR SERIES



MATING HEIGHT	PLUG (H.)	SOCKET (H.)	NO. of contacts	Dimensions					NO. of contacts	Dimensions			
				A	B	C	D	E		A	B	C	D
7.0	4.0	3.0	4	3.70	0.50	1.50	2.40		54	16.20	13.00	14.00	14.90
7.5	4.0	3.5	6	4.20	1.00	2.00	2.90		56	16.70	13.50	14.50	15.40
8.0	4.0	4.0	8	4.70	1.50	2.50	3.40		58	17.20	14.00	15.00	15.90
8.5	4.0	4.5	10	5.20	2.00	3.00	3.90		60	17.70	14.50	15.50	16.40
			12	5.70	2.50	3.50	4.40		62	18.20	15.00	16.00	16.90
			14	6.20	3.00	4.00	4.90		64	18.70	15.50	16.50	17.40
			16	6.70	3.50	4.50	5.40		66	19.20	16.00	17.00	17.90
			18	7.20	4.00	5.00	5.90		68	19.70	16.50	17.50	18.40
			20	7.70	4.50	5.50	6.40		70	20.20	17.00	18.00	18.90
			22	8.20	5.00	6.00	6.90		72	20.70	17.50	18.50	19.40
			24	8.70	5.50	6.50	7.40		74	21.20	18.00	19.00	19.90
			26	9.20	6.00	7.00	7.90		76	21.70	18.50	19.50	20.40
			28	9.70	6.50	7.50	8.40		78	22.20	19.00	20.00	20.90
			30	10.20	7.00	8.00	8.90		80	22.70	19.50	20.50	21.40
			32	10.70	7.50	8.50	9.40		82	23.20	20.00	21.00	21.90
			34	11.20	8.00	9.00	9.90		84	23.70	20.50	21.50	22.40
			36	11.70	8.50	9.50	10.40		86	24.20	21.00	22.00	22.90
			38	12.20	9.00	10.00	10.90		88	24.70	21.50	22.50	23.40
			40	12.70	9.50	10.50	11.40		90	25.20	22.00	23.00	23.90
			42	13.20	10.00	11.00	11.90		92	25.70	22.50	23.50	24.40
			44	13.70	10.50	11.50	12.40		94	26.20	23.00	24.00	24.90
			46	14.20	11.00	12.00	12.90		96	26.70	23.50	24.50	25.40
			48	14.70	11.50	12.50	13.40		98	27.20	24.00	25.00	25.90
			50	15.20	12.00	13.00	13.90		100	27.70	24.50	25.50	26.40
			52	15.70	12.50	13.50	14.40						

Matrix Electronics Co., Ltd

TOLERANCE: X: X X: XX ±0.30 X: XXX ±0.20 X: XXXX ±0.10 ANGLE: ±2°	DESIGN BY :	DATE :	PART NAME:	
	Ryan Lu	2024/08/12	Pitch 0.5mm BTB connector, 双槽, Plug	
 UNIT: mm [inch] SCALE: 1:1 SIZE: A4	CHECKED BY:	DATE :	PART NO.	MB240-G40P-B1R
	Hanson Huang	2024/08/12	MOLD NO.	NA
	APPROVED BY1:	DATE :	DRAW NO.	
	Richard Hsieh	2024/08/12	SHEET NO.	1 OF 1
	APPROVED BY2:	DATE :		
	Richard Hsieh	2024/08/12		