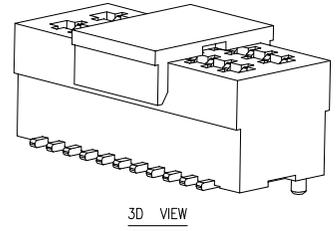
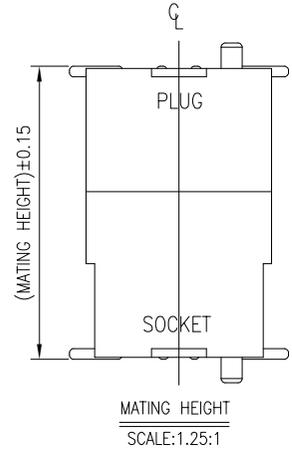
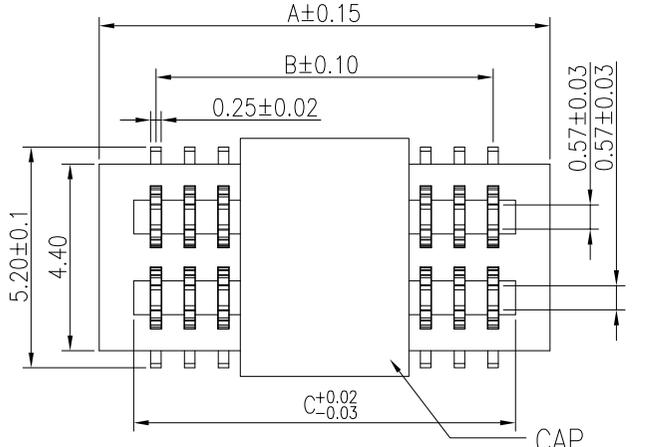


# GP Component

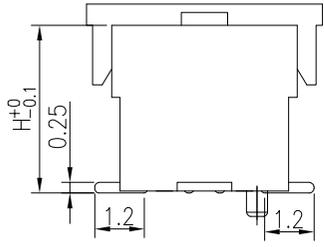
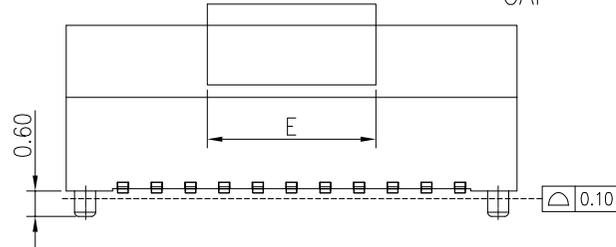
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2024/09/19	Ryan Lu

**NOTES:**

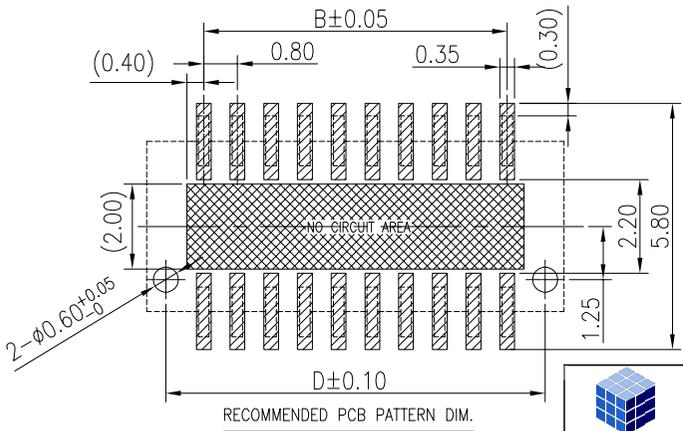
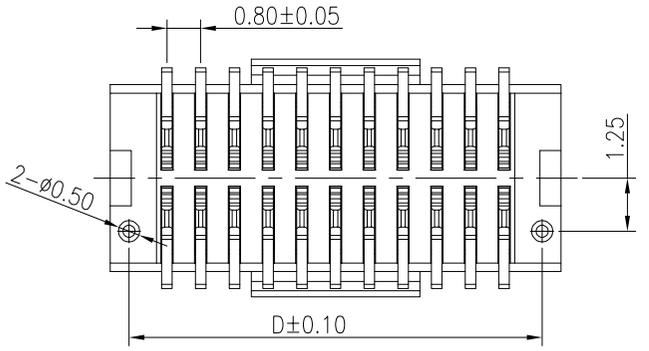
- HUOSING: PA9T HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR:BLACK
  - TERMINAL:PHOSPHOR BRONZE  
PLATING:1μ" GOLD FLASH OVERALL 50~100μ" NICKEL UNDER PLATED.
  - CODING INFORMATION: MB3xx-GxxS-B1R
- PACKING: R: CARRIER REEL  
WITH CAP TYPE  
COLOR:BLACK  
SOCKET  
PIN  
PLATING: G:GOLD FLASH
- 0.8 BTB  
HEIGHT: 30--3.0H;35--3.5H;  
40--4.0H;45--4.5H;  
Matrix BTB CONNECTOR SERIES



3D VIEW



MATING HEIGHT	PLUG (H.)	SOCKET (H.)	NO.of contacts	Dimensions					NO.of contacts	Dimensions				
				A.	B.	C.	D.	E.		A.	B.	C.	D.	E.
7.0	4.0	3.0	4	3.50	0.80	1.86	2.60		54	23.50	20.80	21.86	22.60	
7.5	4.0	3.5	6	4.30	1.60	2.66	3.40		56	24.30	21.60	22.66	23.40	
8.0	4.0	4.0	8	5.10	2.40	3.46	4.20		58	25.10	22.40	23.46	24.20	
8.5	4.0	4.5	10	5.90	3.20	4.26	5.00		60	25.90	23.20	24.26	25.00	
			12	6.70	4.00	5.06	5.80		62	26.70	24.00	25.06	25.80	
			14	7.50	4.80	5.86	6.60		64	27.50	24.80	25.86	26.60	
			16	8.30	5.60	6.66	7.40		66	28.30	25.60	26.66	27.40	
			18	9.10	6.40	7.46	8.20		68	29.10	26.40	27.46	28.20	
			20	9.90	7.20	8.26	9.00		70	29.90	27.20	28.26	29.00	
			22	10.70	8.00	9.06	9.80		72	30.70	28.00	29.06	29.80	
			24	11.50	8.80	9.86	10.60		74	31.50	28.80	29.86	30.60	
			26	12.30	9.60	10.66	11.40		76	32.30	29.60	30.66	31.40	
			28	13.10	10.40	11.46	12.20		78	33.10	30.40	31.46	32.20	
			30	13.90	11.20	12.26	13.00		80	33.90	31.20	32.26	33.00	
			32	14.70	12.00	13.06	13.80		82	34.70	32.00	33.06	33.80	
34	15.50	12.80	13.86	14.60		84	35.50	32.80	33.86	34.60				
36	16.30	13.60	14.66	15.40		86	36.30	33.60	34.66	35.40				
38	17.10	14.40	15.46	16.20		88	37.10	34.40	35.46	36.20				
40	17.90	15.20	16.26	17.00		90	37.90	35.20	36.26	37.00				
42	18.70	16.00	17.06	17.80		92	38.70	36.00	37.06	37.80				
44	19.50	16.80	17.86	18.60		94	39.50	36.80	37.86	38.60				
46	20.30	17.60	18.66	19.40		96	40.30	37.60	38.66	39.40				
48	21.10	18.40	19.46	20.20		98	41.10	38.40	39.46	40.20				
50	21.90	19.20	20.26	21.00		100	41.90	39.20	40.26	41.00				



RECOMMENDED PCB PATTERN DIM.

TOLERANCE : ±0.05



Matrix Electronics Co.,Ltd

<b>TOLERANCE:</b> X:X ±0.30 X:XX ±0.20 X:XXX ±0.10 ANGLE: ±2°	<b>DESIGN BY :</b> Ryan Lu	<b>DATE :</b> 2024/09/19	<b>PART NAME:</b> Pitch 0.8mm BTB connector, 双槽, Socket	
	<b>CHECKED BY:</b> Hanson Huang	<b>DATE :</b> 2024/09/19	<b>PART NO.</b>	MB340-G12S-B1R
 <b>UNIT: mm [inch]</b> <b>SCALE:1:1 SIZE:A4</b>	<b>APPROVED BY1:</b> Richard Hsieh	<b>DATE :</b> 2024/09/19	<b>MOLD NO.</b>	NA
	<b>APPROVED BY2:</b> Richard Hsieh	<b>DATE :</b> 2024/09/19	<b>DRAW NO.</b>	
			<b>SHEET NO.</b>	1 OF 1