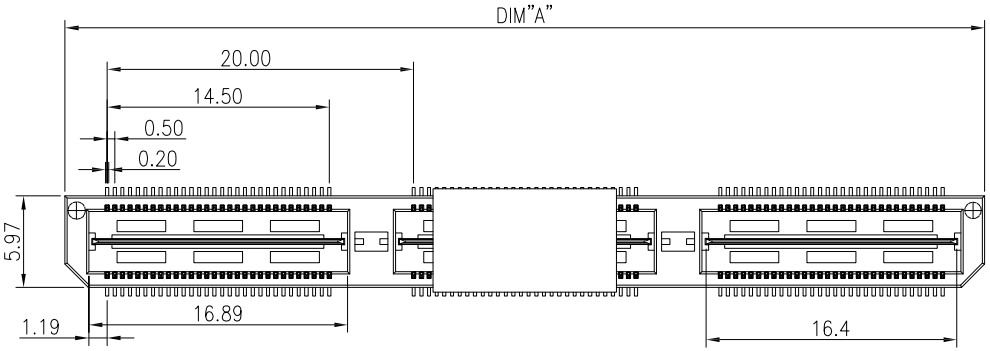
GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/07/24	Vince
A1			Add Mylar	2023/07/10	Vince
A0.2			Add Mated Helght	2023/10/31	Vince
A0.3			Add tabel for mated helght & Tray packing	2025/04/10	Ryan



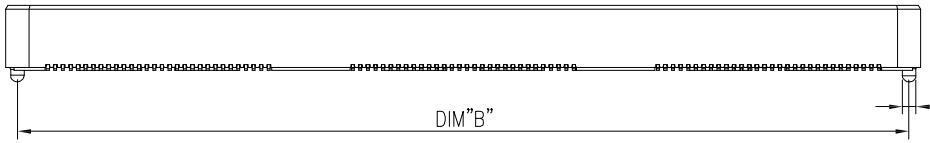
NOTES:

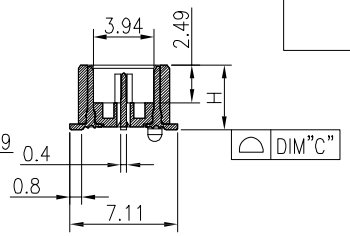
1.HUOSING: LCP HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR:BLACK

2.TERMINAL/GROUND PLANE:PHOSPHOR BRONZE
PLATING:10u" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

3.CODING INFORMATION: MB 2xx-4xxP-B3R-01

- WATER CODE
- PACKING: R: CARRIER REEL , B:BLISTER BOX(Tray packing)
- MATERIAL: 3:LCP
- COLOR: B:BLACK
- P:PLUG
- PIN
- PLATING: G:GOLD FLASH
  - 2:3u" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - 3:5u" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - 4:10u" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - 5:15u" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - 6:30u" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- 0.5 BTB
  HIGLY:42--4.27H,72-7.26H.... As table
- MATRIX BTB CONNECTOR SERIES

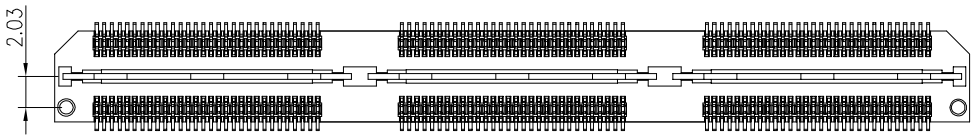


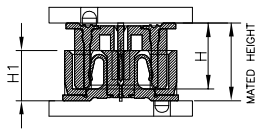


SECTION A-A

A0.3

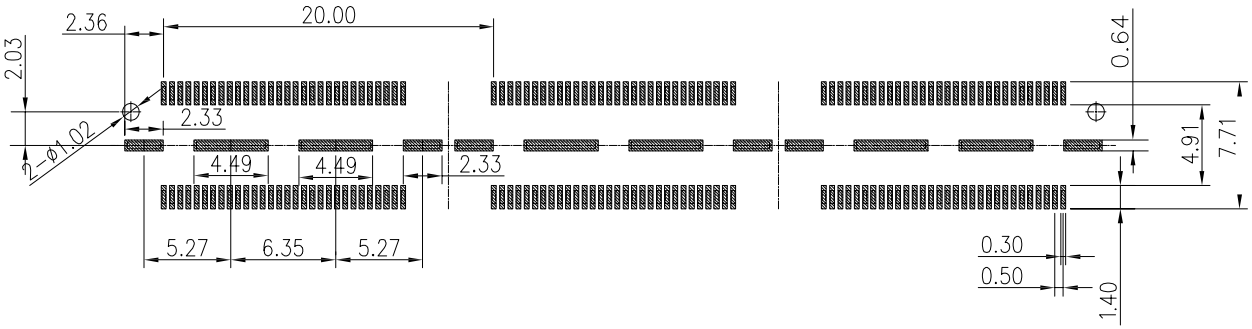
STYLE	PLUG H	SOCKET H1	MATED HEIGHT
42	4.27	3.25	5.0
72	7.26		8.0
A0	10.27		11.0
A3	13.26		14.0
A5	15.25		16.0
A8	18.26		19.0
B4	24.24		25.0
B9	29.24		30.0





MATED HEIGHT

NO. of CONTACTS	Dimensions		
	A.	B.	C.
60	20.00	18.48	0.10
120	40.00	38.48	0.10
180	60.00	58.48	0.15



RECOMMENDED PCB PATTERN DIM.

TOLERANCE : ±0.05

Matrix Electronics Co.,Ltd

TOLERANCE: X ±0.35, X.X ±0.25, X.XX ±0.20, X.XXX ±0.15, ANGLE: ±3°	DESIGN BY : Vince Chen	DATE : 2023/10/31	PART NAME: 0.5mm DOUBLE ROW BTB PLUG
	CHECKED BY: Hanson Huang	DATE : 2023/10/31	PART NO. MB242-460P-B3R-01
	APPROVED BY1: Richard Hsieh	DATE : 2023/10/31	MOLD NO. NA
UNIT: mm [inch]	APPROVED BY2: Richard Hsieh	DATE : 2023/10/31	DRAW NO.
SCALE:1:1 SIZE:A4			SHEET NO. 1 OF 1