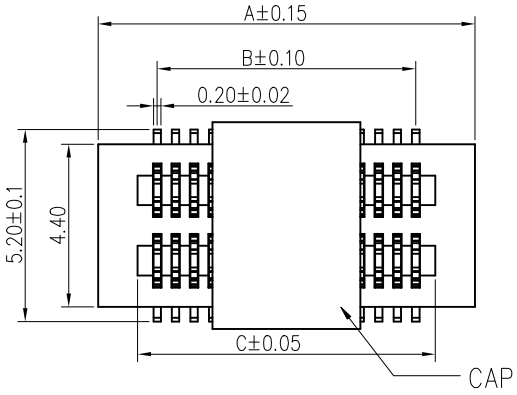
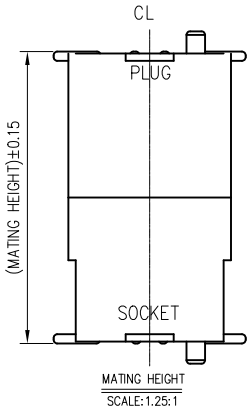
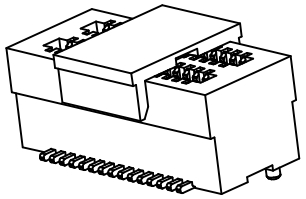


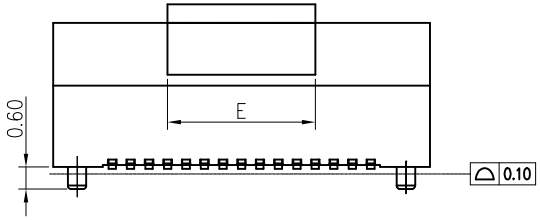


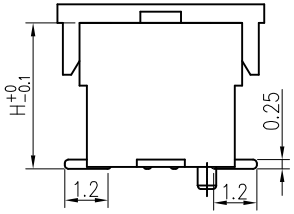


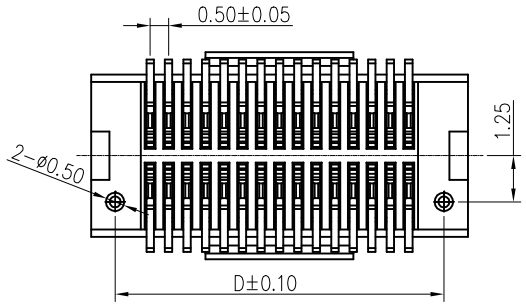
NOTES:
1. HOUSING MATERIAL: HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR: BLACK
2. CONTACT MATERIAL : PHOSPHOR BRONZE
3. CONTACT PLATING : 1u" GOLD FLASH ON CONTACT AREA 50u" NI UNDER PLATING OVERALL
4. CO-PLANARITY FOR CONTACT TAILS MUST BE 0.1mm MA
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE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

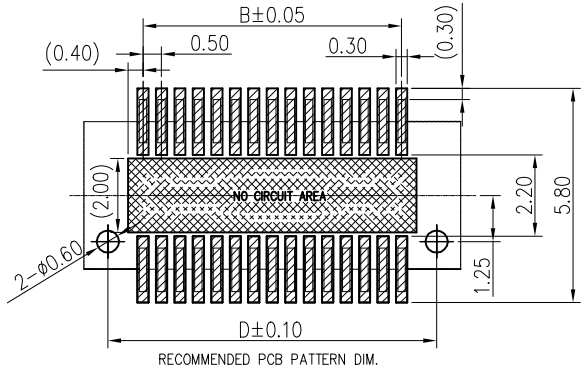
10165431-X XXX X X LF

- LF: LEAD FREE
- PACKAGING
  0. TAPE AND REEL WITH CAP
- CONTACT PLATING
  0. GOLD FLASH
- PIN NUMBER
  010: 2X5PIN
  020: 2X10PIN
  100: 2X50PIN
- SOCKET HEIGHT
  1: 3.0MM
  2: 3.5MM
  3: 4.0MM
  4: 4.5MM









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	3.06	3.90	
20	7.70	4.50	5.56	6.40	4.00
30	10.20	7.00	8.06	8.90	
40	12.70	9.50	10.56	11.40	
50	15.20	12.00	13.06	13.90	
60	17.70	14.50	15.56	16.40	
70	20.20	17.00	18.06	18.90	8.00
80	22.70	19.50	20.56	21.40	
90	25.20	22.00	23.06	23.90	
100	27.70	24.50	25.56	26.40	

ltr	ecn no	dr	date
A	-	SF	2024/03/26

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

mat'l. code

surface ISO 1302

tolerance ISO 406 ISO

projection 1101

tolerances unless otherwise specified

angles 0°±2°

linear .0±.25 / .00±.15 / .000±.10

mm

scale 1:1

product family: Bergstak

title: 0.5mm PITCH BTB CONNECTOR SOCKET

dwg no 10165431

sheet 1 of 1

size A3

type Product Customer Drawing

sheet index | revision A | sheet 1/1

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