

77315-YXX-XXLF

Technical drawing of a 10-hole punch plate. The drawing shows a rectangular plate with 10 circular holes arranged in a single row. The center-to-center distance between adjacent holes is labeled as $(N-1) \times 2.54$. The total length of the plate is labeled as $N \times 2.54 \text{ MAX}$. A note "NOTE 5" is present. The plate has a thickness of 1.2. The holes are shown with dashed lines indicating their depth. The drawing is a top view.

2.54±0.08
NON-ACCUM TYP

Ø1.02±0.08

RECOMMENDED HOLE PATTERN

1. HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK

3. PACKAGING:

- #### 4. 9N MIN RETENTION IN EITHER DIRECTION

N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS $N \times 2.54 = 20.32\text{mm}$

7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2μm MINIMUM MATTE TIN OVER 1.27μm
MINIMUM NICKEL UNDERPLATE.

b – MANUFACTURING PROCESS COMPATIBILITY

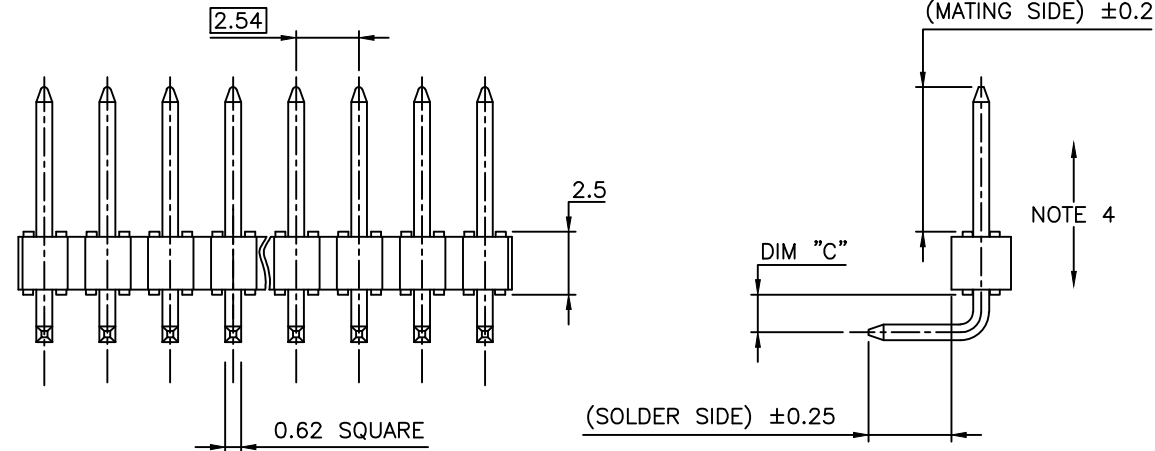
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

– REFLOW COMPATIBLE

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004



mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK					
ltr ecn no dr date				tolerances unless otherwise specified		.X ±0.3 .XX ±0.15 .XXX ±0.05 mm scale 5:1		title UNSHR.HEADER RA SR TMT							
AT F-23187 AMA 16.02.01		angles linear													
AU F-23373 AMA 16.02.26															
AV F-23462 LMU 16.03.07															
AW F-23551 LMU 16.03.21		dr		D.LE		01.01.24		FCJ		dwg no		sheet 1 of 2		size	
AX F-24328 AMA 16.06.17		engr		JM.C		01.01.24				77315		A.			
AY F-25336 DDE 16.11.15		chr		JM.C		01.01.24									
BA F-25361 DDE 16.11.16		appd		JF.N		01.01.24									
sheet index		revision		BA		AU									
		sheet		1		2									



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PRODUCT SPECIFICATIONS

PIN	STYLE	MATING	SOLDER	DIM "C"
01		5.72	2.57	1.5
02		5.72	5.11	1.5
03		5.72	7.65	1.5
07		5.72	5.11	3.9
13		5.72	3.45	1.5
18		5.84	3.05	1.5
22		11.71	3.2	1.5
24		6.75	2.85	1.5
25		8.07	3.05	1.5
26		8.2	12.6	1.5
27		5	3.9	1.5
28		3.1	3.1	1.5
29		9.7	2.90	1.5
30		8.30	4.40	1.5
31		11.70	2.80	1.5
32		8.90	3.05	1.5
33		10.20	3.05	1.5
34		10.00	3.25	1.5
35		5.72	12.73	1.5
36		N/A		
37		N/A		
38		8.51	5.51	1.5
39		9.80	9.30	1.5
40		8.13	2.54	3.90
41		14.20	3.05	1.5
42		9.00	7.20	1.5
43		8.08	2.79	1.5
44		15.70	2.79	1.5
45		8.20	2.35	1.5
46		3.10	9.90	1.5
47		2.30	2.30	1.5
48		3.50	3.05	1.5

PLATING

1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

4 = 3µm-5µm TIN FULL PLATED REFLOW

5 = 0.25µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

8 = 0.38µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

G = 0.76µm FULL GXT

S = 0.38µm FULL GXT

- 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

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ltr	ecn no	dr	date	tolerances unless otherwise specified			title UNSHR.HEADER RA SR TMT			
AP	F-23462	LMU	16.03.07	angles	linear					
AR	F-23551	LMU	16.03.21							
AS	F-24328	AMA	16.06.17			scale 5:1	dwg no 77315 sheet 2 of 2 size A3			
AT	F-25336	DDE	16.11.15	dr	D.LE	01.01.24				
AU	F-25361	DDE	16.11.16	enr	JM.C	01.01.24				
				chr	JM.C	01.01.24	type CUSTOMER Drawing			
AN	F-23373	AMA	16.02.26	appd	JF.N	01.01.24				
sheet	revision									
index	sheet									