

PRODUCT NUMBER
89891-YXXXLF

WHEN NEEDED, SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 6.

OPTIONAL LETTER
H: HIGH TEMPERATURE PRODUCT.

NUMBER OF POSITIONS: 02 TO 50.

PLATING CODE

3= 0.76µm GOLD ON CONTACT AREA.

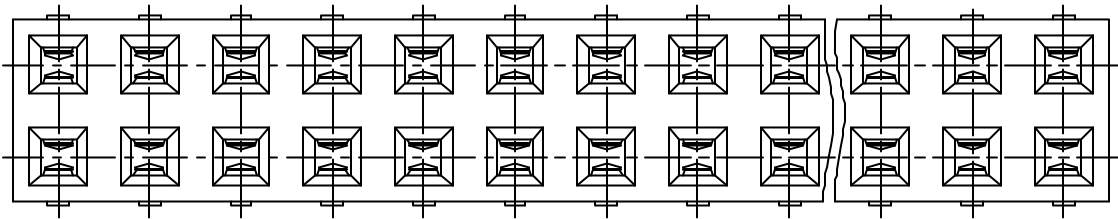
3.81µm TIN-LEAD ON TAIL.

4= 5µm TIN-LEAD ON CONTACT AREA.

3.81µm TIN-LEAD ON TAIL.

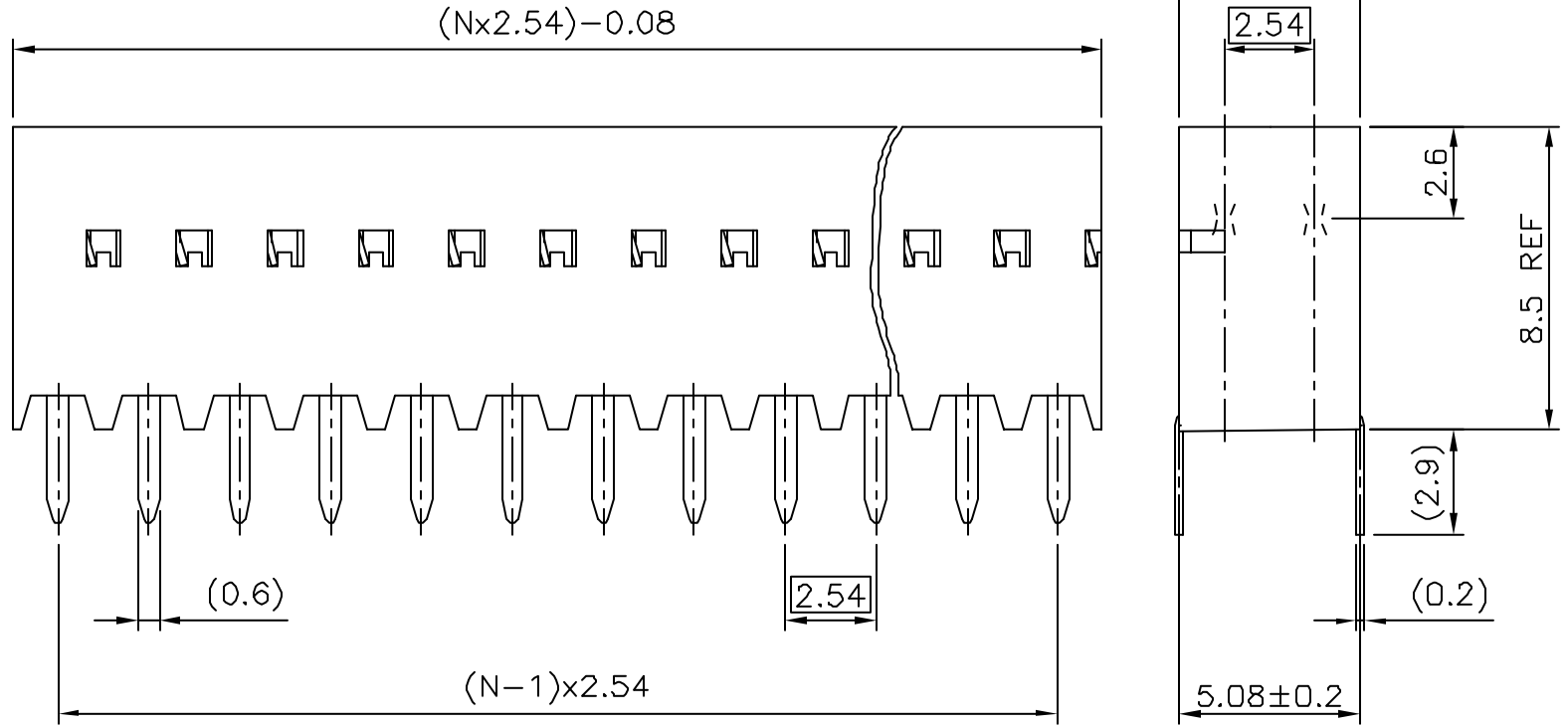
WHEN SUFFIX "LF" IS REQUIRED, 2µm MIN MATTE

TIN OVER 1.27 MIN Ni IS SUPPLIED INSTEAD OF SnPb.

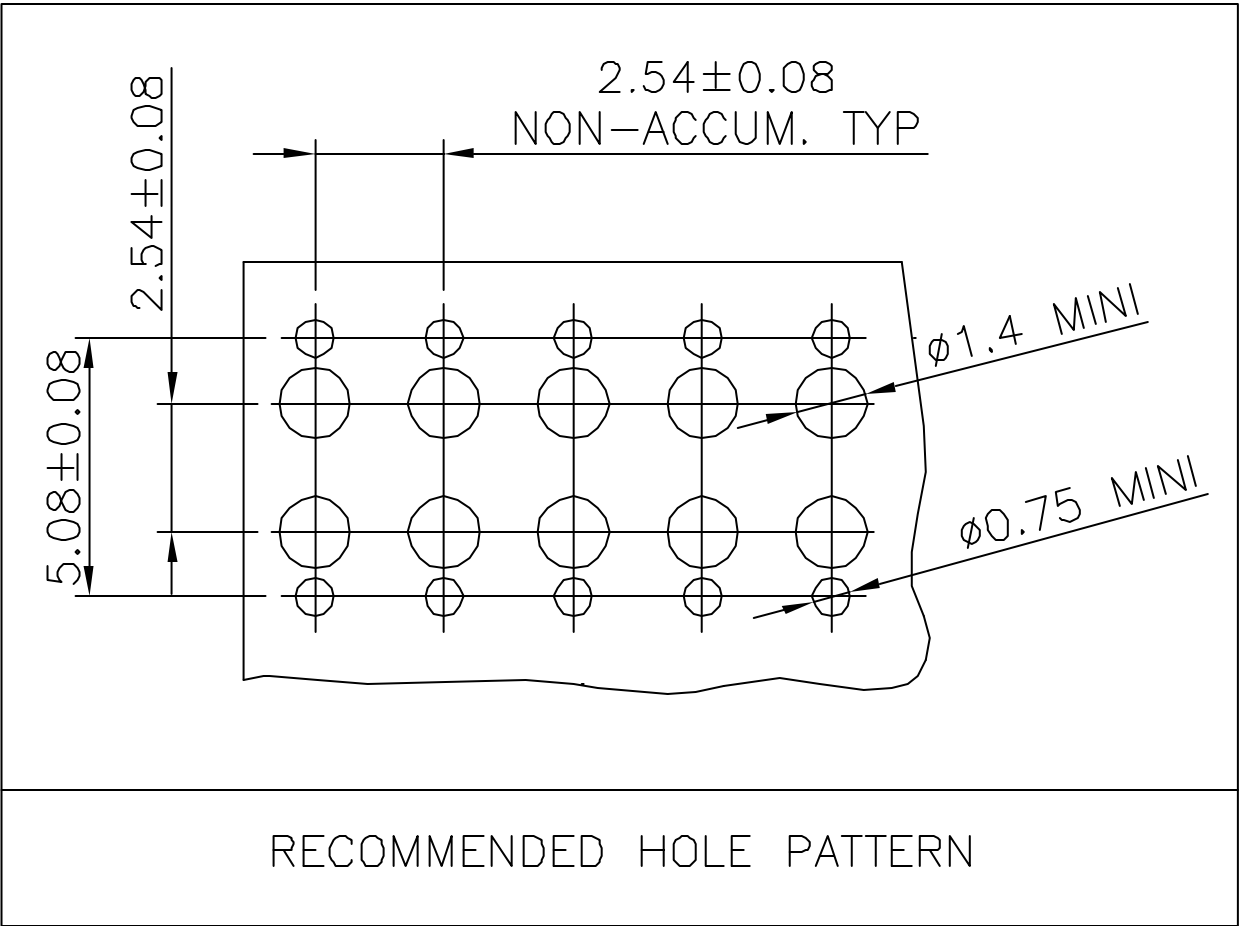


NOTES:

- 1 - HOUSING MAT'L: THERMOPLASTIC GLASS FILLED
FLAME RETARDANT PER UL 94 V-0
LOW TEMPERATURE: COLOR BLUE
HIGH TEMPERATURE: COLOR GREY.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - 2 UP TO 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX.
5 UP TO 50 POSITIONS PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS
EXAMPLE: 8 POS: $(N \times 2.54) - 0.08 = 20.24$ mm
- 5 - HE13 PRINTING ON 89891-3XX PRODUCT.
- 6 - 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.
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-22-008

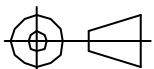


mat'l. code SEE NOTE 1				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family DUBOX			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title BtB RECEPT. VERT DR TMT			
F	F10308	GCO	01.05.10	angles	linear					
G	F04-0347	DLE	04.09.23	±0.3		scale 5:1	dwg no 89891			
H	F05-0230	DLE	05.08.08	±2						
J	F06-0204	DLE	06.06.21	dr	D LEGRAND	04.09.23	sheet 1 of 2			
K	F07-0156	DLE	07.03.16	engr	P NIZZI	04.09.23				
				chr	D LE	04.09.23	size A3			
				appd	P NZ	04.09.23				
sheet index		revision sheet	K 1	D 2			type CUSTOMER			
							Drawing			



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mat'l. code SEE SHEET 1				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family DUBOX											
ltr	ecn no	dr	date	tolerances unless otherwise specified								title BtB RECEPT. VERT DR TMT									
A	F04-0347	DLE	04.09.23	angles	linear	±0.3		scale 5:1													
B	F05-0230	DLE	05.08.08																		
C	F06-0204	DLE	06.06.21	±2'																	
D	F07-0156	DLE	07.03.16	dr	D LEGRAND		04.09.23				dwg no				sheet 2 of 2				size		
				engr	P NIZZI		04.09.23				89891				A4						
				chr	D LE		04.09.23														
				appd	P NZ		04.09.23														
sheet index		revision																			
sheet		sheet																			

Mouser Electronics

Authorized Distributor

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FCI:

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