

PRODUCT NUMBER

71991-YXXXLF

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

OPTIONAL LETTER

H: HIGH TEMPERATURE PRODUCT.

NUMBER OF POSITIONS PER ROW: 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.

8= 0.38µm GOLD 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 50 POSITIONS PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EXAMPLE: 8 POS: $(N \times 2.54) - 0.08 = 20.24$ mm
- 5 - RECOMMENDED IR PROFIL PER TA 842.
- 6 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

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

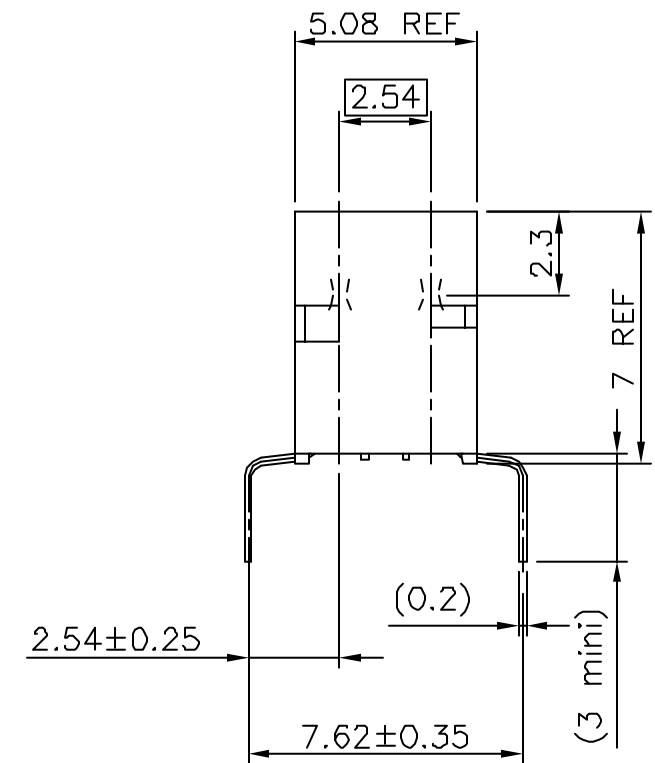
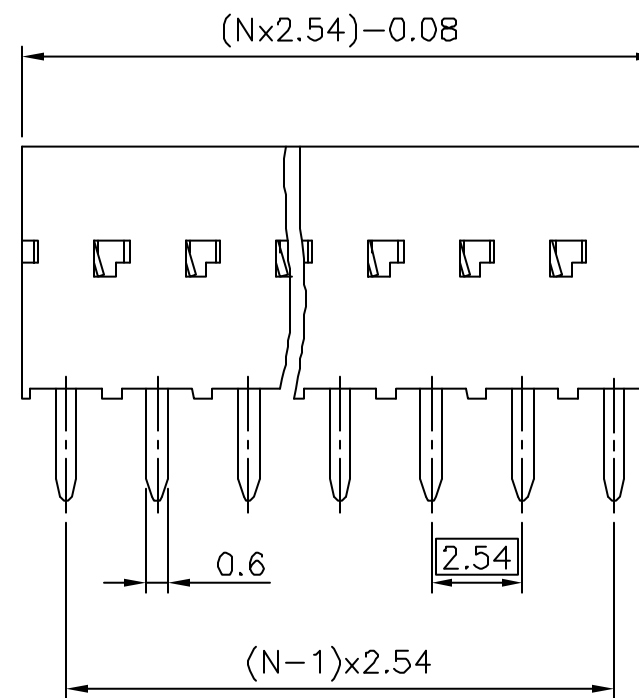
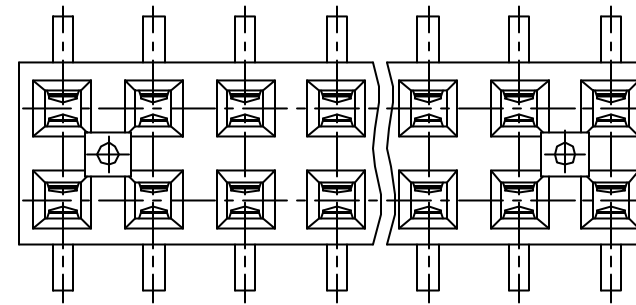
b - MANUFACTURING PROCESS COMPATIBILITY

- 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.

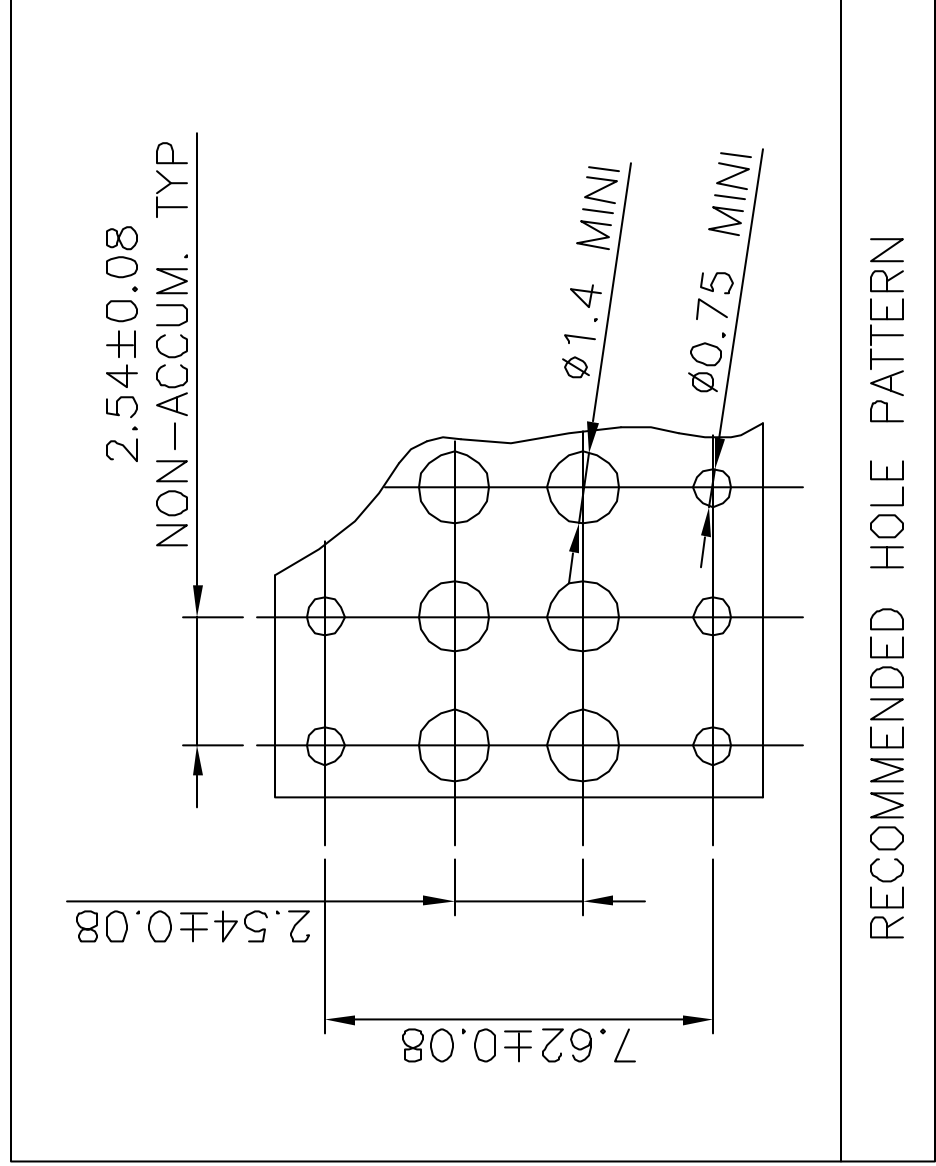
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-008



mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302		ISO 406 ISO 1101		mm		DUBOX	
Ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
R	F10132	DLE	01.02.06	±0.3		mm		BtB RECEPT.	
S	F04.0347	DLE	04.09.27	Linear		mm		VERT DR TMT	
T	F06-0137	DLE	06.02.27	±2'		scale 5:1		sheet 1 of 2	
U	F06-0204	DLE	06.06.20	dr	D LEGRAND	04.09.27		size	
V	F06-0323	DLE	06.11.21	enr	P NIZZI	04.09.27		A3	
W	F09-0011	LMU	09.02.16	chr	D LEGRAND	04.09.27		71991	
				appd	P NZ	04.09.27		type CUSTOMER Drawing	
sheet index	revision sheet	W	B						
	1	2							



A

B

C

D

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mat'l. code		surface		tolerance		projection		product family	
SEE SHEET 1		ISO 1302 ✓		ISO 406 ISO 1101				DUBOX	
ltr ecn no dr date		tolerances unless otherwise specified		angles		mm		title	
A	F04-0347	DLE	04.09.27	linear		scale 5:1		BtB RECEPT.	
B	F06-0204	DLE	06.06.20	±0.3				VERT DR TMT	
		dr		D LEGRAND		sheet 2 of 2		size	
		enr		P NIZZI		71991		A4	
		chr		D LE		CUSTOMER		Drawing	
		appd		P NZ		type		type	
sheet		revision							
index		sheet							