

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.

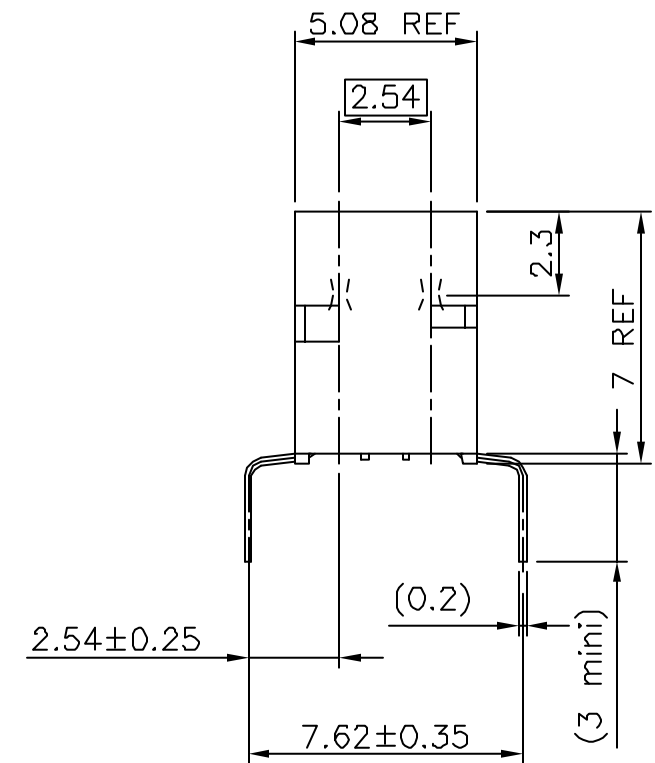
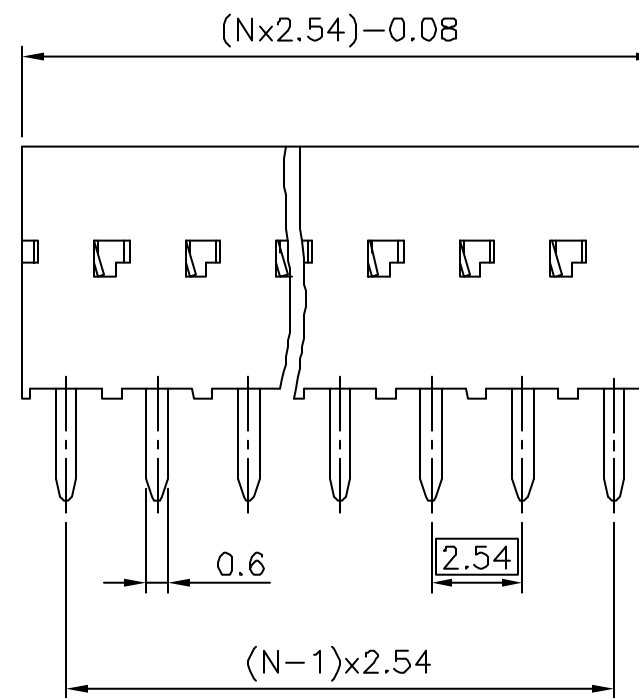
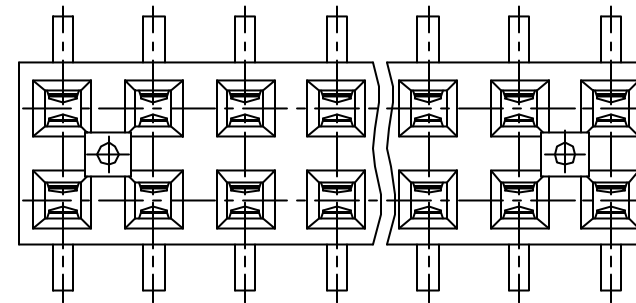
b - MANUFACTURING PROCESS COMPATIBILITY

- 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.

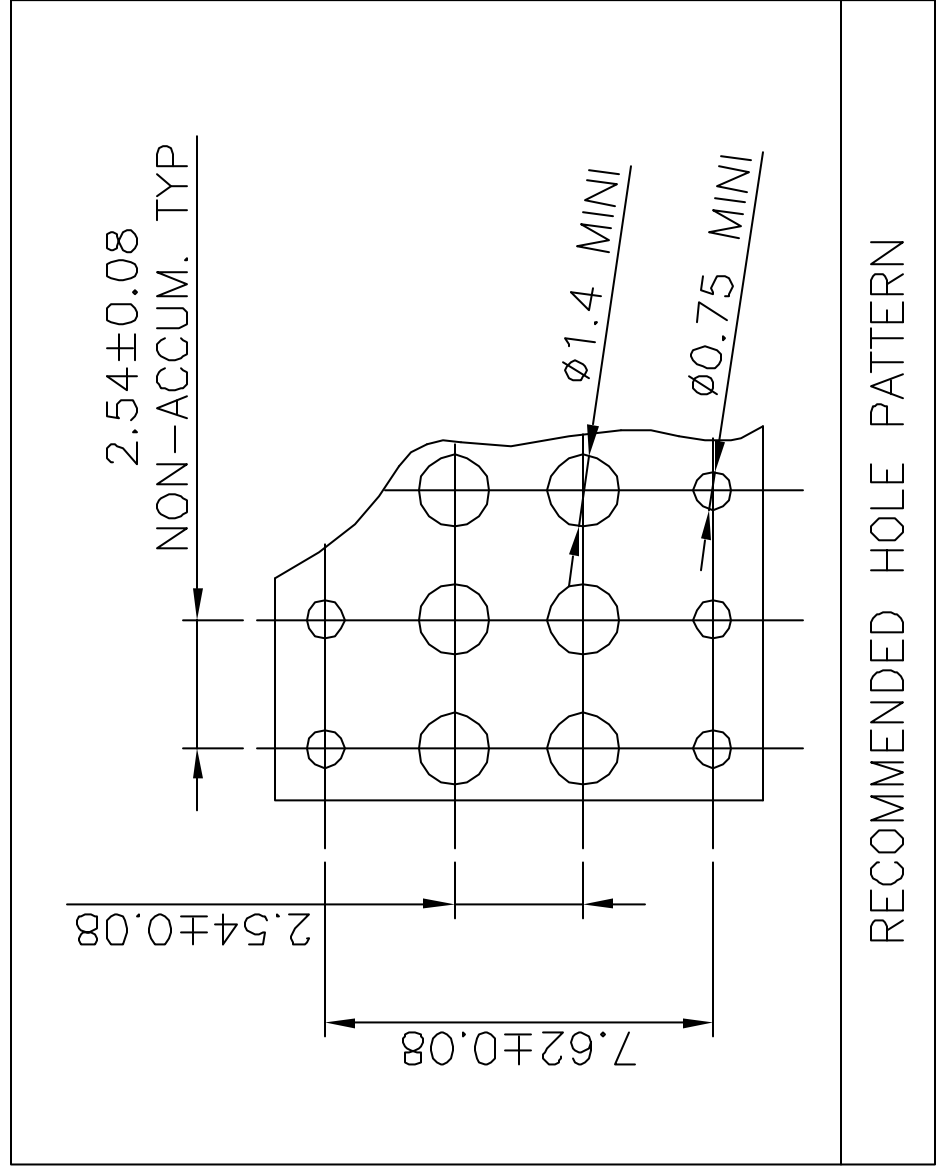
c - LABELING:

- 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. VERT DR TMT		
S	F04.0347	DLE	04.09.27	Linear		mm				
T	F06-0137	DLE	06.02.27	±2'		scale 5:1				
U	F06-0204	DLE	06.06.20	dr	D LEGRAND	04.09.27		dwg no		
V	F06-0323	DLE	06.11.21	enr	P NIZZI	04.09.27		sheet 1 of 2		
W	F09-0011	LMU	09.02.16	chr	D LEGRAND	04.09.27		size		
				appd	P NZ	04.09.27		A3		
sheet index		revision sheet	W	B			type		Drawing	
		1	2							



A

B

C

D



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