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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.

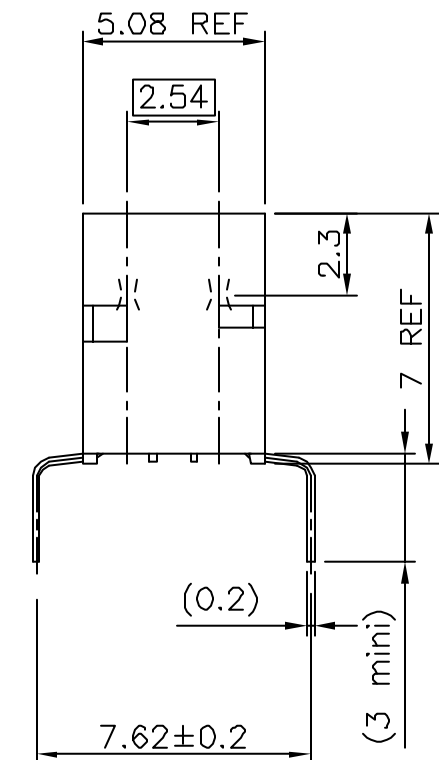
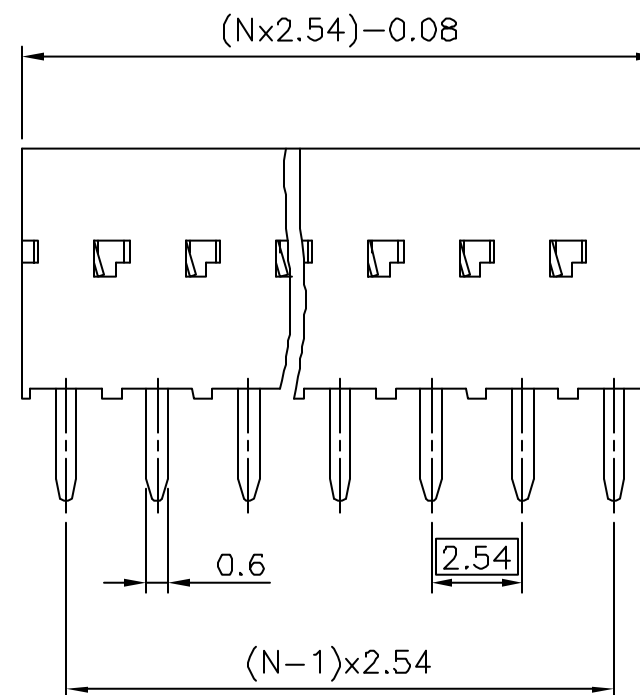
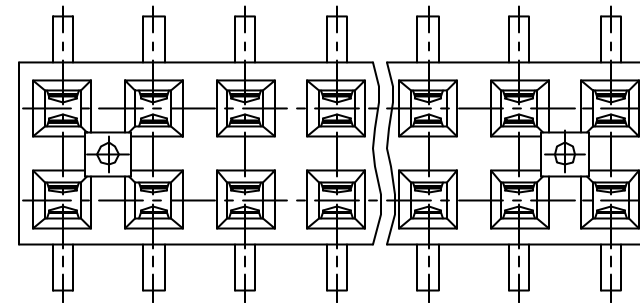
b - MANUFACTURING PROCESS COMPATIBILITY

- 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:

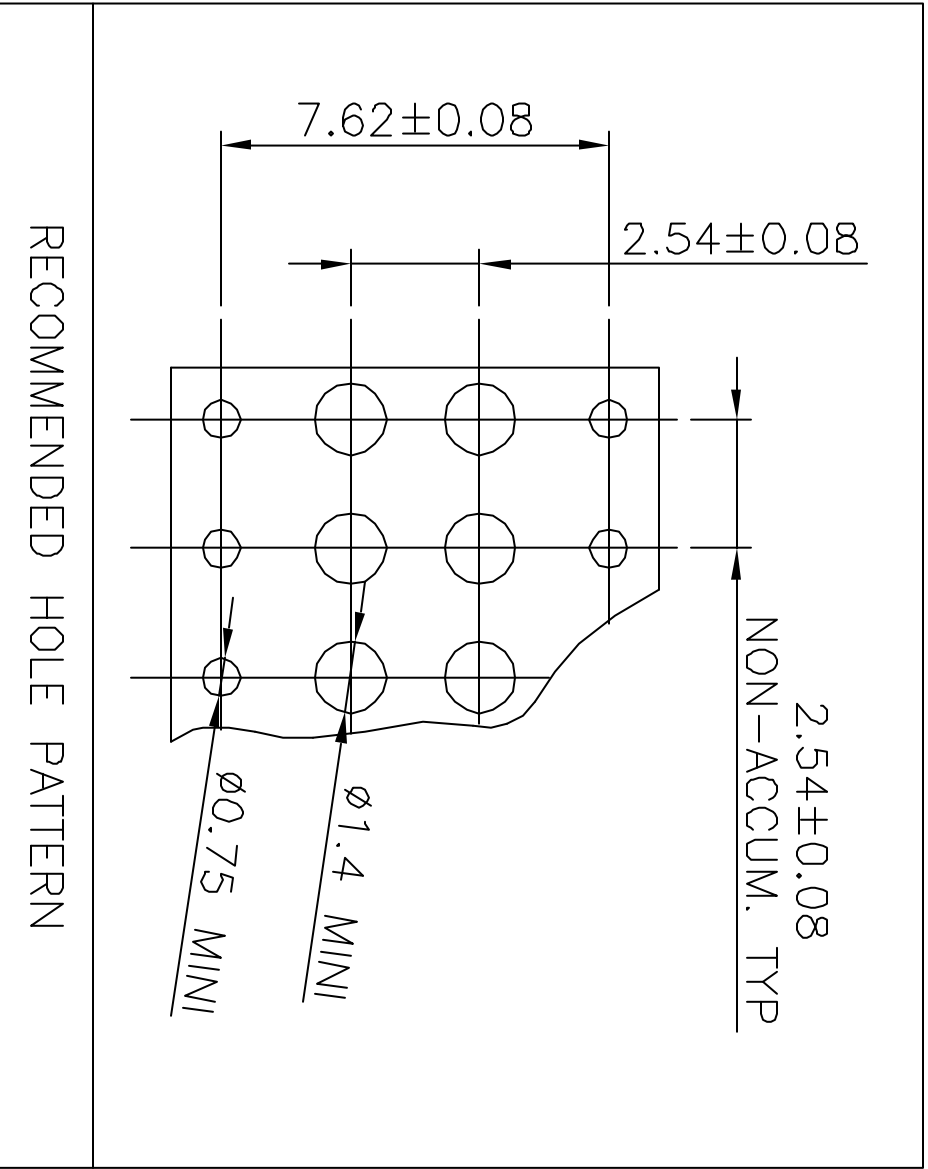
- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-008



mat'l. code				surface		tolerance		projection	product family		
SEE NOTES				ISO 1302	ISO 406	ISO 1101	ISO 1101		DUBOX		
ltr	ecn	na	dr	date	tolerances unless otherwise specified			mm	title		
R	F10132	DLE	01.02.06		angles	Linear	±0.3				
S	F04.0347	DLE	04.09.27						BtB RECEPT. VERT DR TMT		
T	F06-0137	DLE	06.02.27		±2°			scale 5:1			
U	F06-0204	DLE	06.06.20	dr	D LEGRAND		04.09.27	FCI	dwg no 71991 sheet 1 of 2 size A3		
V	F06-0323	DLE	06.11.21	enr	P NIZZI		04.09.27				
				chr	D LEGRAND		04.09.27				
P	F10110	GCO	01.01.16	appd	P NZ		04.09.27		type CUSTOMER Drawing		
sheet index	revision	V	B								
	sheet	1	2								

form A3



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				mm		title	
A	F04-0347	DLE	04.09.27	angles		±0.3				BtB RECEIPT.	
B	F06-0204	DLE	06.06.20	linear				↔		VERT DR TMT	
				±2°				scale 5:1			
				dr		D LEGRAND		04.09.27		dwg no	
				engr		P NIZZI		04.09.27		sheet 2 of 2	
				chr		D LE		04.09.27		size	
				appd		P NZ		04.09.27		A4	
sheet index		revision								type	
										CUSTOMER	
										Drawing	