

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.

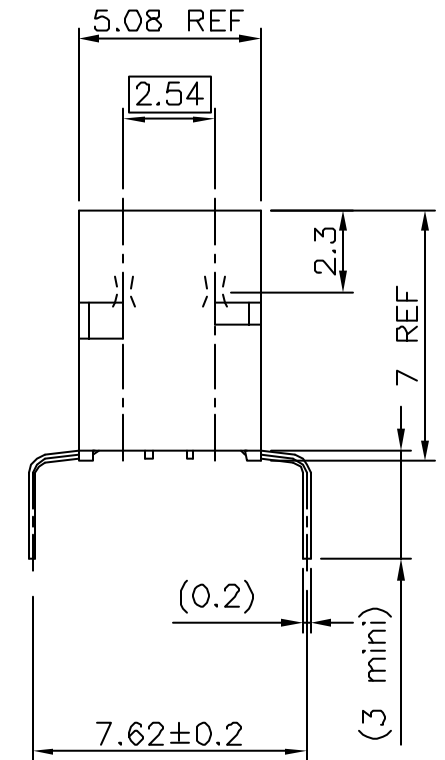
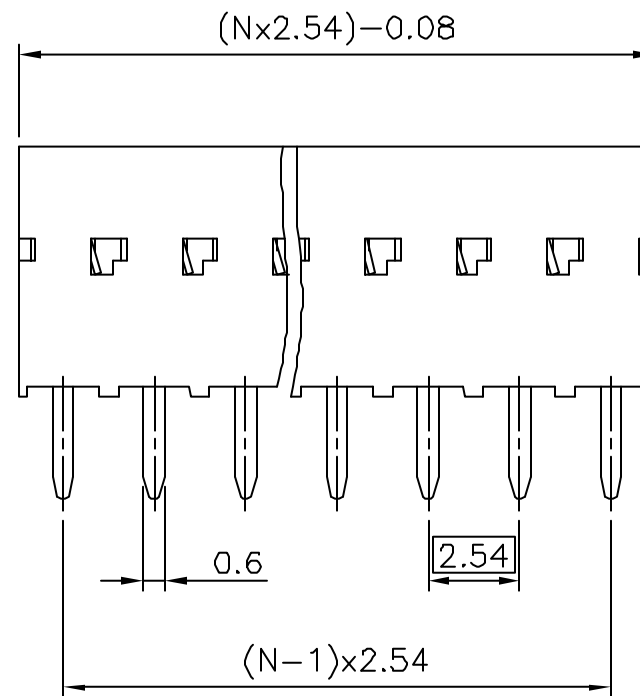
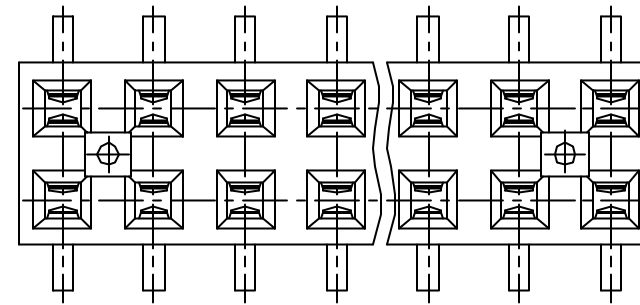
b - MANUFACTURING PROCESS COMPATIBILITY

- 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



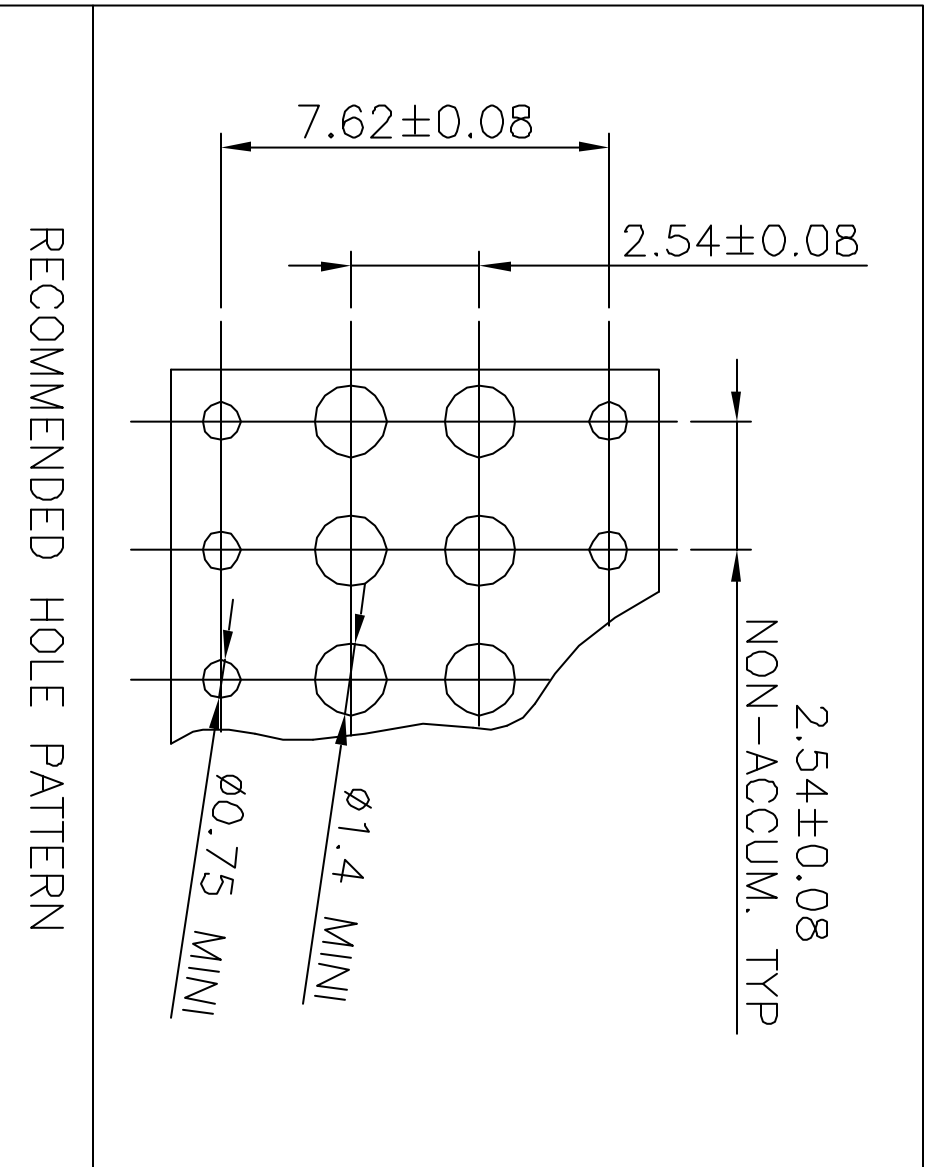
mat'l. code SEE NOTES				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family DUBOX
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title BtB RECEPT. VERT DR TMT
R	F10132	DLE	01.02.06	angles	±0.3		
S	F04.0347	DLE	04.09.27	Linear		scale 5:1	dwg no 71991 sheet 1 of 2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



Copyright FCJ

1

2



RECOMMENDED HOLE PATTERN

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		angles		linear		±0.3		title		BTB RECEIPT.	
A		F04-0347		DLE		04.09.27		±2°		D LEGRAND		04.09.27		mm		dwg no		71991	
B		F06-0204		DLE		06.06.20		linear		D LE		04.09.27		scale 5:1		sheet 2 of 2		A4	
sheet index		revision		sheet		sheet		sheet		sheet		sheet		sheet		sheet		sheet	
sheet index		revision		sheet		sheet		sheet		sheet		sheet		sheet		sheet		sheet	

form: A4