

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

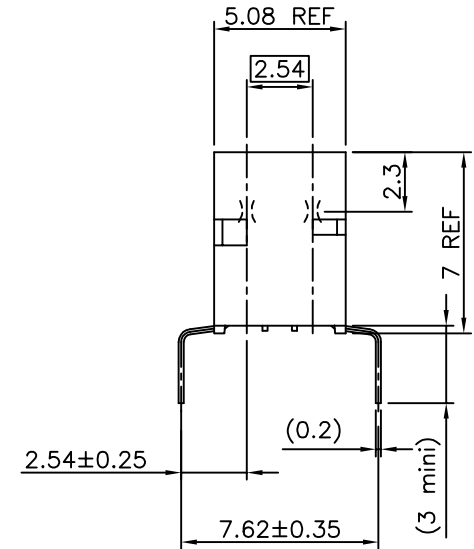
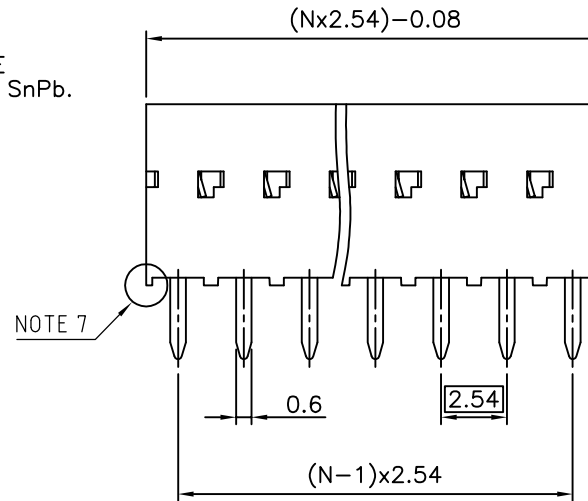
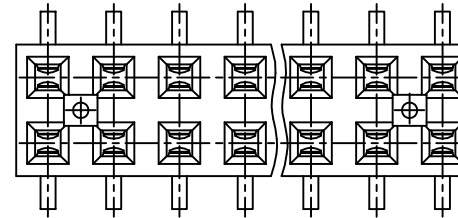
- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-008

- 7 - END STAND-OFFS FOR 2x2 UP TO 2x5 POS
NO END STAND-OFFS FOR 2x6 UP TO 2x50 POS



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	angles	linear	mm		BtB RECEPT. VERT DR TMT	
S	F04.0347	DLE	04.09.27			scale 5:1			
T	F06-0137	DLE	06.02.27	±2'					
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		
X	F11-0043	JCO	12.02.22	appd	P NZ	04.09.27	A3		
sheet index		revision	X	B					
1		sheet	1	2					

1

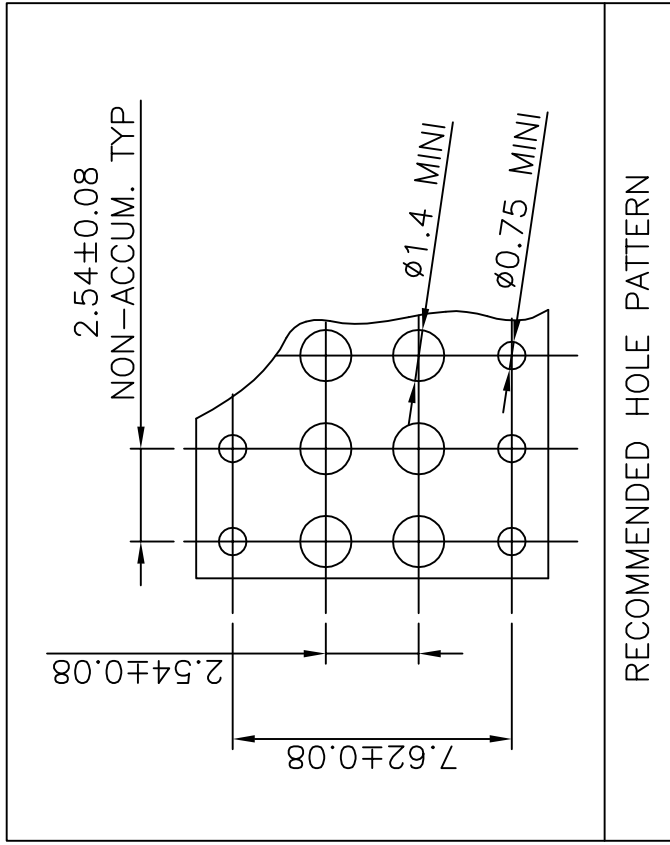
2

A

B

C

D



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PDM: Rev:X

STATUS: Released

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

form: A4

1

2

A

B

C

D