

PRODUCT NUMBER
89847-YXXXLF

WHEN NEEDED, SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 5

OPTIONAL LETTER:

H: HIGH TEMP PRODUCT

NUMBER OF POSITIONS PER ROW: 02 TO 50.

PLATING CODE

3= 0.76µm GOLD ON CONTACT AREA.

3.81µm TIN-LEAD ON TAIL.

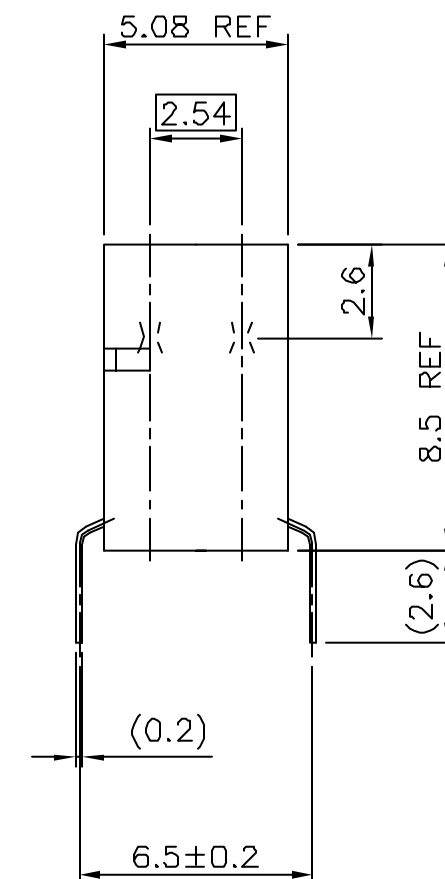
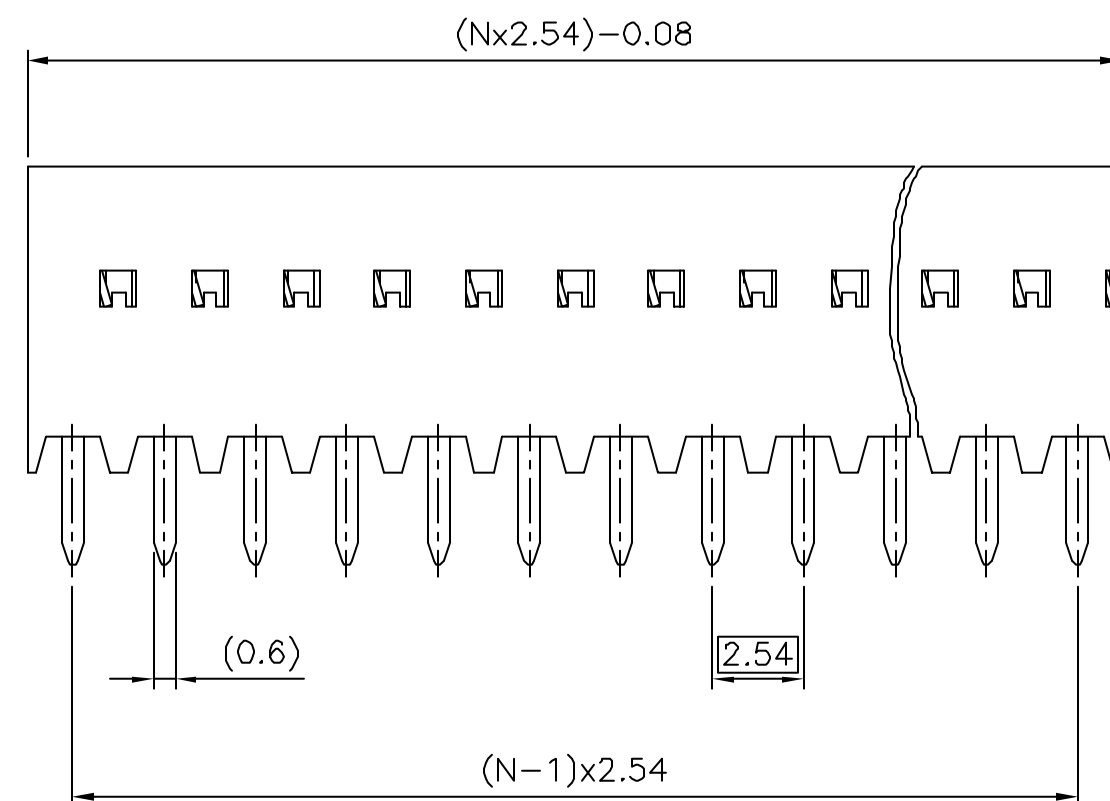
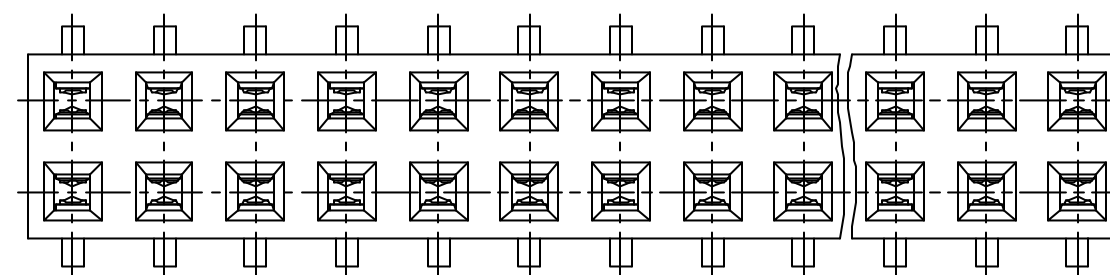
4= 5µm TIN-LEAD ON CONTACT AREA.

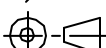
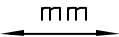
3.81µm TIN-LEAD ON TAIL.

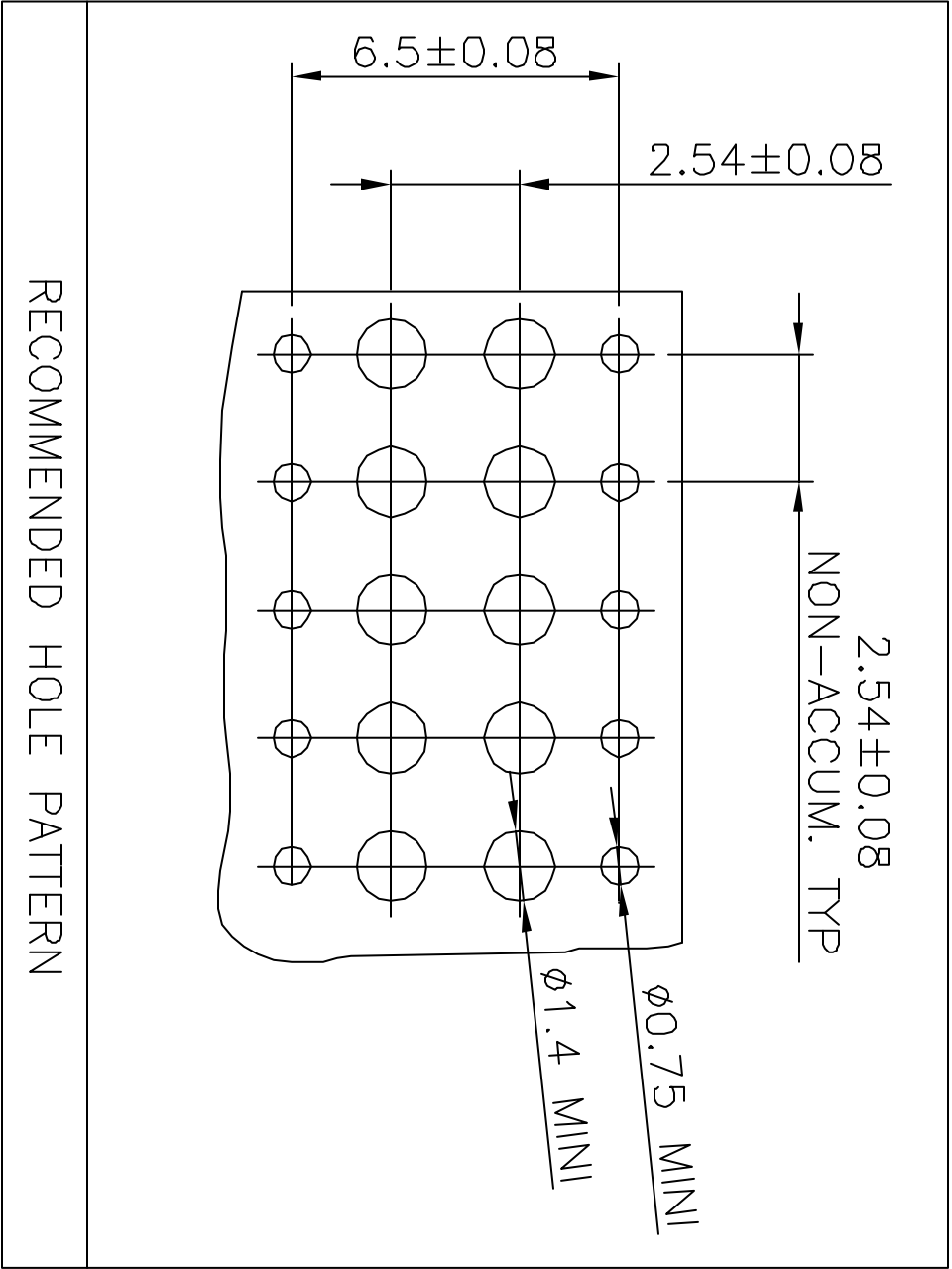
WHEN SUFFIX "LF" IS REQUIRED, 2µm MIN
MATTE TIN OVER 1.27 MIN Ni IS SUPPLIED
INSTEAD OF TIN-LEAD.

NOTES:

- 1 - HOUSING MAT'L: THERMOPLASTIC GLASS FILLED
FLAME RETARDANT PER UL 94 V-O COLOR: BLUE.
LOW TEMPERATURE: COLOR BLUE
HIGH TEMPERATURE : COLOR GREY
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - 2 UP TO 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX.
5 UP TO 50 POSITIONS PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EXAMPLE: 8 POS: (N x 2.54) - 0.08 = 20.24 mm.
- 5 - 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 BLUE 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.
 - THE HIGH TEMP GREY HSG WILL WITHSTAND EXPOSURE TO
260°C PEAK TEMPERATURE FOR 30 SECONDS MAX
IN CONVECTION INFRA-RED OR VAPOR PHASE OR REFLOW.
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-22-008



mat'l. code SEE NOTE 1				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family DUBOX									
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles linear	FDB-D220		scale 5:1	title BtB RECEPT. VERT DR TMT									
C	F60911	PNZ	96.12.12																
D	F80638	VMO	98.10.14																
E	F10116	GCO	01.01.23	±Z															
F	F04-0347	DLE	04.11.10	dr	D LEGRAND	04.11.10				dwg no 89847									
G	F06-0204	DLE	06.06.21	enr	P NIZZI	04.11.10													
H	F08-0217	PNZ	08.09.09	chr	D LEGRAND	04.11.10													
J	F08-0220	PNZ	08.09.15	appd	P NZ	04.11.09													
sheet		revision		J	B														
index		sheet		1	2														



mat'l. code				surface		tolerance		projection		product family	
SEE NOTE 1				ISO 1302		ISO 406 ISO 1101		mm		DUBOX	
ltr ecn no dr date				tolerances unless otherwise specified		mm		scale 5:1		title	
A F04-0347DLE 04.11.10				angles		±0.3		mm		BtB RECEIPT.	
B F06-0204DLE 06.06.21				linear		±0.3		mm		VERT DR TMT	
				±2°						dwg no	
				dr		D LEGRAND				sheet 2 of -	
				engr		P NIZZI				size	
				chr		D LEGRAND				A4	
				appd		P NZ				Drawing	
sheet index		revision sheet									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[89847-307](#) [89847-310](#)