

PRODUCT NUMBER  
71991-XXXXLF

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.

2µm MIN MATTE TIN ON TAIL.

4 = 2µm MIN MATTE TIN FULL PLATED

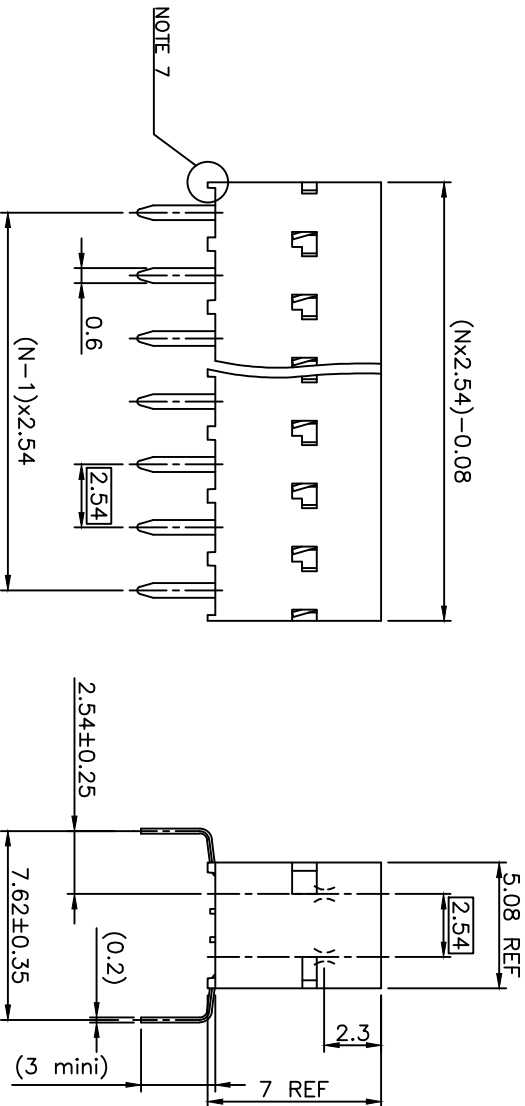
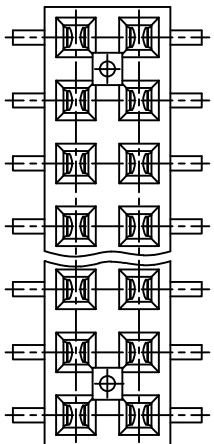
8 = 0.38µm GOLD ON CONTACT AREA.

2µm MIN MATTE TIN ON TAIL.

1.27µm Ni MIN UNDERPLATING

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: (Nx2.54)-0.08=20.24 mm
- 5 - RECOMMENDED IR PROFIL PER TA 842.
- 6 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
- d - 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-47-0004
- 7 - END STAND-OFFS FOR 2x2 UP TO 2x4 POS  
NO END STAND-OFFS FOR 2x5 UP TO 2x50 POS



mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	mm	DUBOX
U	F06-0204 DLE	06.06.20	04.09.27	
V	F06-0323 DLE	06.11.21	04.09.27	
W	F09-0011 LMU	09.02.16	04.09.27	
X	F11-0043 JCO	12.02.22	04.09.27	
Sheet	revision	AA	B	
Index	Sheet	1	2	

SEE NOTES	tolerances unless otherwise specified	scale	title					
lfr	ecr	no	dr	date	angles	linear	mm	product family
Y	B-19123	LMU	14.10.20				5:1	DUBOX
AA	F-24429	AMA	16.07.01				5:1	DUBOX

dwg no	sheet	of	size
71991	1	2	A3

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



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