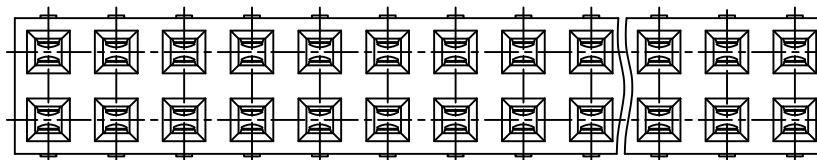


PRODUCT NUMBER
89891-YXXLF

RoHS COMPATIBLE, SEE NOTE 5
OPTIONAL LETTER:
(AS AVAILABLE)
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
1.27µm Ni MIN UNDERPLATING

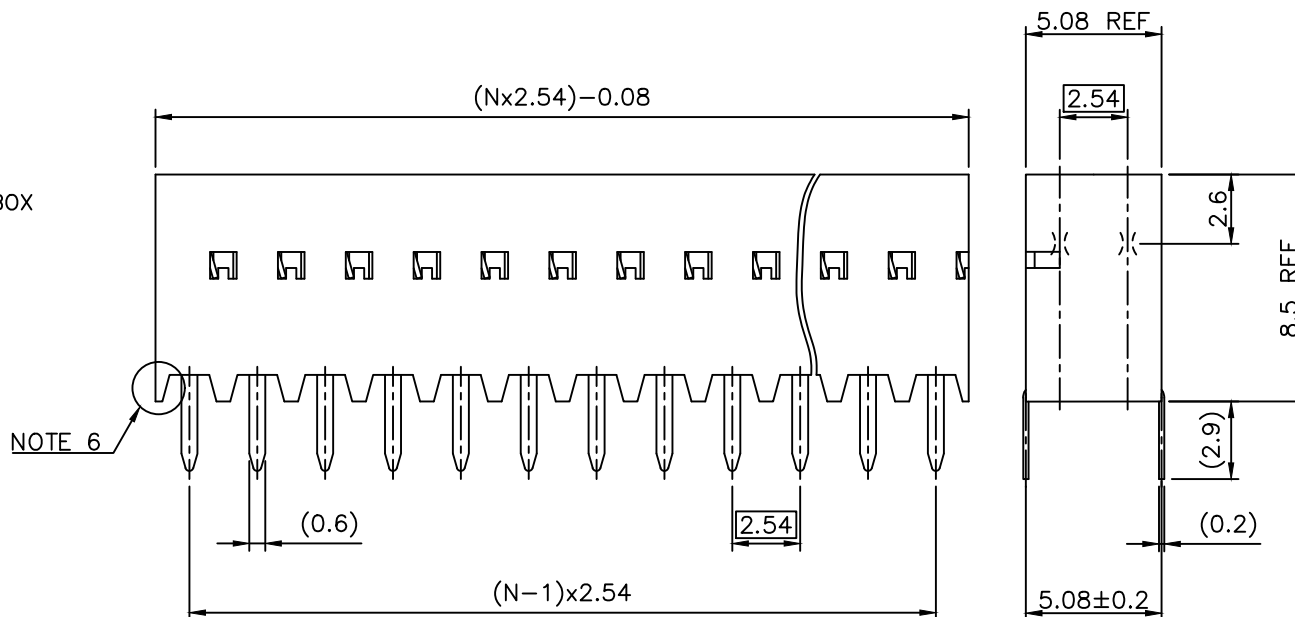
EXTENDED RANGE

- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND



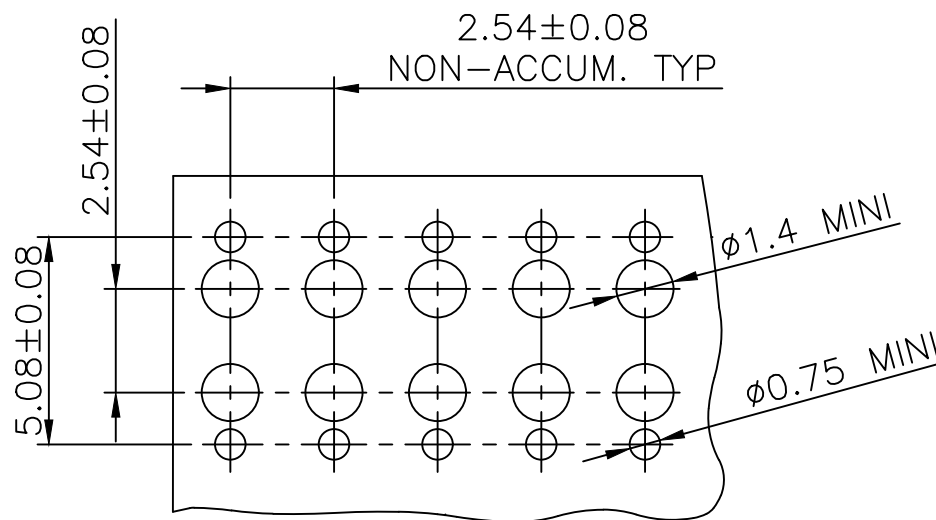
NOTES:

- HOUSING MATERIAL: THERMOPLASTIC GLASS FILLED
FLAME RETARDANT PER UL 94 V-0
LOW TEMPERATURE: COLOR BLUE
HIGH TEMPERATURE: COLOR GREY
- TERMINAL MATERIAL: PHOSPHOR BRONZE
- 2 UP TO 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX
5 UP TO 50 POSITIONS PRODUCT PACKED IN TUBE
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS
EXAMPLE: 8 POS: (N x 2.54) - 0.08 = 20.24 mm
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.
 - 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.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-47-0004
- END STAND-OFFS FOR 2x2 UP TO 2x4 POS
NO END STAND-OFFS FOR 2x5 UP TO 2x50 POS
- THIS PART SERIES IS NOT INITIALLY INTENDED FOR
AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE
CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND
TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF
THE STANDARD PRODUCT SPECIFICATIONS.
- UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL
PARTS AND COMPONENTS ARE DESIGNED & BUILT
ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH
ARE SUBJECT TO CHANGE WITHOUT NOTICE.



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					title BtB RECEPT. VERT DR TMT				
N	F-45443	LMU	22.07.21	angles linear	±0.3								
P	F-45490	LMU	22.07.26										
R	F-55074	DDE	25.03.24										
				dr	D.LEGRAND		04.09.23		dwg no sheet 1 of 2 size 89891 A3				
K	F07-0156	DLE	07.03.16	engr	P.NIZZI		04.09.23						
L	B-19123	LMU	14.10.21	chr	D.LEGRAND		04.09.23						
M	F-28430	DDE	17.11.09	appd	P.NIZZI		04.09.23						
sheet index		revision sheet		R	E					type CUSTOMER Drawing			
		1	2										

STATUS:Released Printed: Mar 25, 2025



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		 mm scale 5:1	title BtB RECEPT. VERT DR TMT			
A	F04-0347	DLE	04.09.23	angles	linear					
B	F05-0230	DLE	05.08.08	±2°						
C	F06-0204	DLE	06.06.21				dwg no 89891 type CUSTOMER Drawing			
D	F07-0156	DLE	07.03.16	dr	D.LEGRAND	04.09.23				
E	F-55074	DDE	25.03.24	engr	P.NIZZI	04.09.23				
				chr	D.LEGRAND	04.09.23	size A3			
				appd	P.NIZZI	04.09.23				
sheet index	revision sheet									