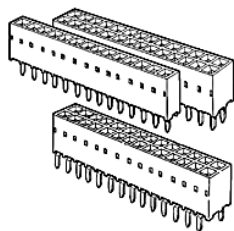


75915-306LF - DUBOX™ : 6
Position PCB Mounted
Receptacle Through Mount,
Top Entry, Single Row



www.fci.com

Mating Half

➤ 77311-401-06LF

➤ 95293-101-06LF

Specifications

General	
Hold Down Style	No Locating Pegs
Number of contacts (per row)	6
Number of contacts (Total)	6
Number of rows	1
Orientation	Vertical
Packaging	Tube
Mating half	Mates with 0.64 mm (0.025 in.) Square pins.
Series Number	75915
Dimensional	
Thickness (Board)	1.6 mm (0.062 in.) or 2.36 mm (0.093 in.)
Footprint (Board)	2.54 mm x 2.54 mm (0.1 in. x 0.1 in.)
Electrical	
Current rating	3A max. per Contact/2A max. per Contact for Full Load
Resistance (Contact)	15 milli ohms Initial, 20 milli ohms After test
Resistance (Insulation)	100000 M-ohms
Voltage rating	1000V rms
Mechanical	
Insertion force	1.50N (150 gf) per Contact
Withdrawal Force	0.3N (30 gf) min. per Contact
Mounting	
Solder process	Compatible with Wave Soldering Processes
Physical	
Color (Housing)	Blue
Material (Contact)	Phosphor Bronze
Material (Housing)	Glass - Filled Thermoplastic Polyester
Plating (Contact area)	0.76 µm (30 µin.) Gold

Plating (Tail)	2.54 µm (100 µin.) Tin
Underplating (Contact)	1.27 µm (50 µin.) Nickel
Flammability rating	UL 94 V-0
Temperature (Range)	-65 °C to +125 °C
Approvals / Certifications	
UL File Number	E66906
CSA File Number	LR46923
Approvals / Certifications	UL and CSA Approved

PRODUCT NUMBER
75915-YXXXLF

WHEN NEEDED, SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 6

OPTIONAL LETTER.

G: HIGH TEMPERATURE BLACK PRODUCT.

H: HIGH TEMPERATURE GREY PRODUCT.

NUMBER OF POSITIONS: 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 OR BLACK.
- 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
EXAMPLE: 8 POS: (N×2.54)-0.08=20.24 mm
- 5 - HE13 PRINTING ON 75915-3xx PRODUCT.
- 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

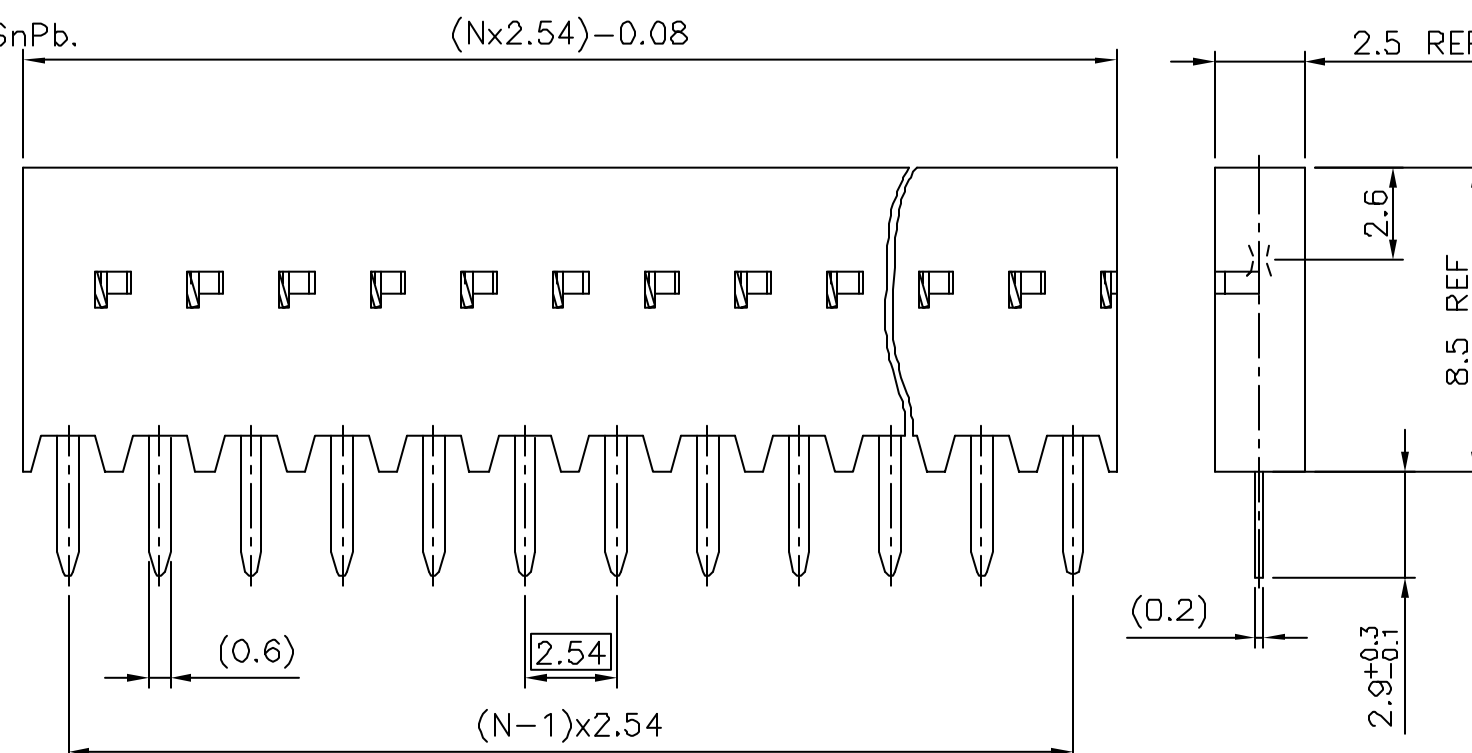
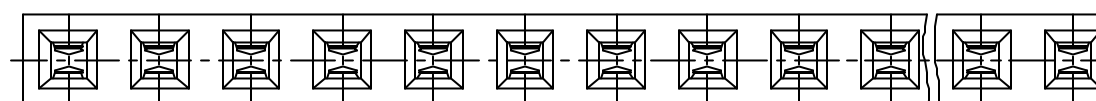
- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

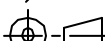
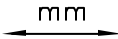
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-008

- 7 - PRINTING & HOLE PATTERN SEE NEXT SHEET.



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									
AD		F06-0204		DLE		06.06.20		angles linear		±0.3				BtB RECEPT. VERT SR TMT							
AE		F07-0109		DLE		07.01.16															
AF		F09-0030		LMU		09.03.16		±2°				scale 5:1									
								dr		D.LEGRAND		96.04.01				dwg no		sheet 1 of 2		size	
AA		F04-0347		DLE		04.09.23		enr		P.NIZZI		96.04.01				75915		A.			
AB		F05-0230		DLE		05.08.08		chr		D.LEGRAND		96.04.01									
AC		F06-0150		DLE		06.03.17		appd		P.NIZZI		96.04.01									
sheet index		revision		AF		D															
		sheet		1		2															



Copyright FCJ



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form: A4

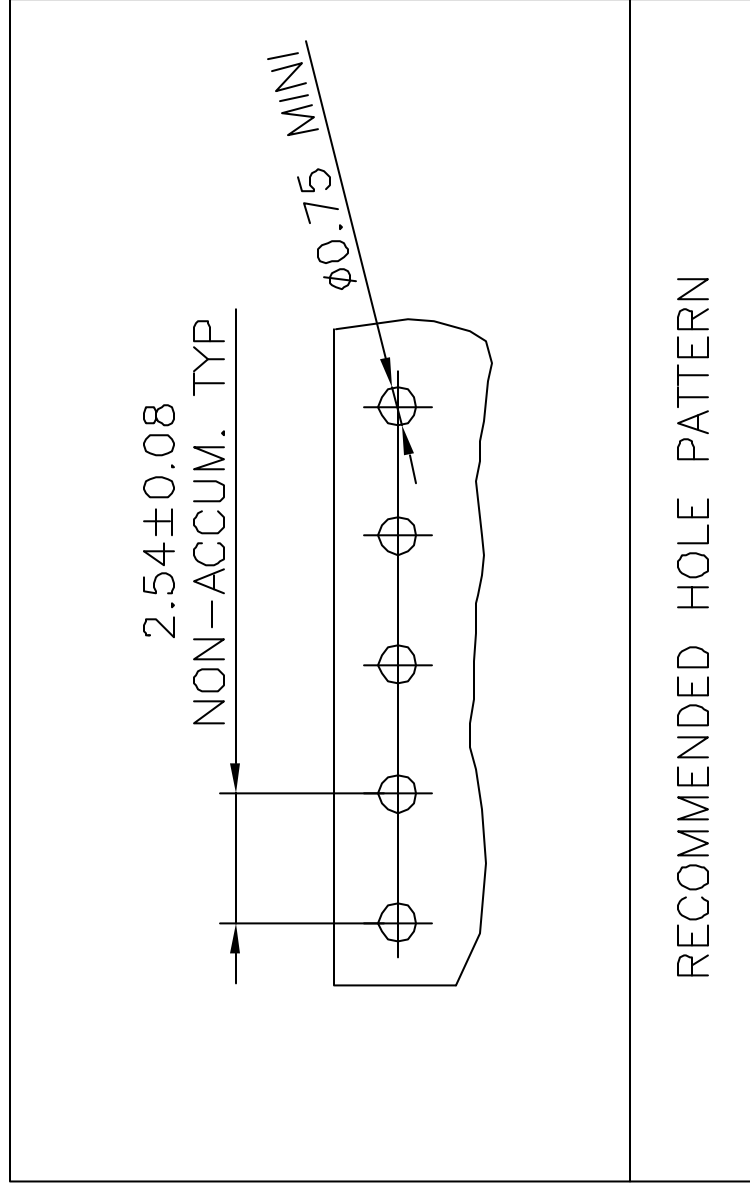
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A

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A



mat'l. code				surface		tolerance		projection		product family	
SEE SHEET 1				ISO 1302 ✓		ISO 406 ISO 1101				DUBOX	
ltr	ecn	no	dr	date		tolerances unless otherwise specified		projection		title	
A	F04	0347	DLE	04.09.23		±0.3		mm		BtB RECEPT. VERT SR TMT	
B	F05	0230	DLE	05.08.08		linear		mm			
C	F06	0204	DLE	06.06.20		±2°		scale N/A			
D	F07	0109	DLE	07.01.16		D.LEGRAND					
						engr	P.NIZZI	04.09.23	dwg no		
						chr	D.LEGRAND	04.09.23	sheet 2 of - size		
						appd	P.NIZZI	04.09.23	75915 A4		
sheet index	revision	sheet								type	
										CUSTOMER	
										Drawing	