

PRODUCT NUMBER
91615-YXXZWLF

WHEN NEEDED, SUFFIX LETTER "LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 7

OPTIONAL LETTER SEE SHEET 2
N: PRODUCT WITH TYPE MARKING ON CONNECTOR

OPTIONAL LETTER
A: PRODUCT WITH PICK UP CAP PACKED IN TAPE & REEL SEE TA856.
B: PRODUCT WITH PICK UP CAP PACKED IN TUBE.
NUMBER OF POSITIONS PER ROW: 03 UP TO 30. MORE THAN 30 POSITIONS ON SPECIAL REQUEST.

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 SnPb.

NOTES:

- 1 - HOUSING MAT'L: THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94 V-0 COLOR: GREY.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - PACKAGING:
3 UP TO 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX.
5 UP TO 30 POSITIONS PRODUCT PACKED IN TUBE.
WHOLE 91615-303B PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EXAMPLE: 8 POS: $((N+2) \times 2.54) - 0.08 = 25.32$ mm.
- 5 - RECOMMENDED IR PROFILE PER TA842.
- 6 - Ø2.65 MINI FOR PICK & PLACE ASSEMBLY(=0 INSERTION FORCE).
- 7 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.

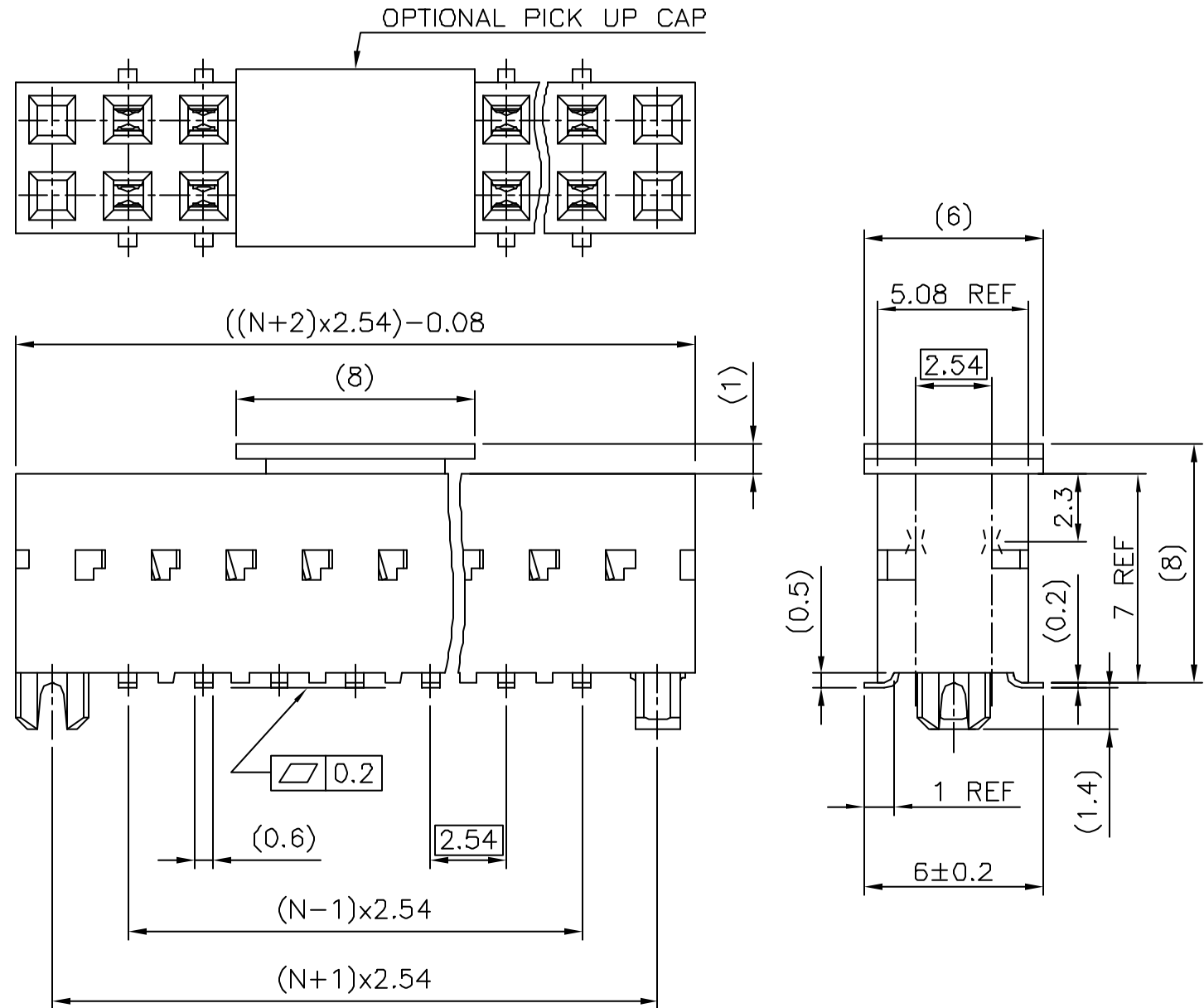
b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDS MAX IN A CONVECTION, INFRA-RED OR VAPOR PHASE OR REFLOW OVEN.

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-008



mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family DUBOX
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 5:1	title BtB RECEPT. VERT DR SMT
AB	F04-0347	DLE	04.11.10	angles	±0.3		
AC	F06-0137	DLE	06.02.27	linear		FCJ	dwg no 91615 sheet 1 of 3 size A3
AD	F06-0204	DLE	06.06.23	±2'			
AE	F07-0165	DLE	07.03.30	dr	P NIZZI 95.11.17		
				enr	P.NZ 01.07.23	type CUSTOMER Drawing	
				chr	P.NZ 01.07.23		
				appd	JF.N 01.07.23		
sheet index	revision sheet	AE 1	D 2	B 3			

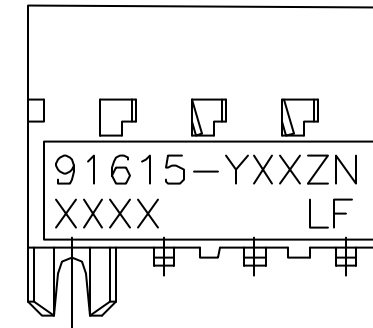
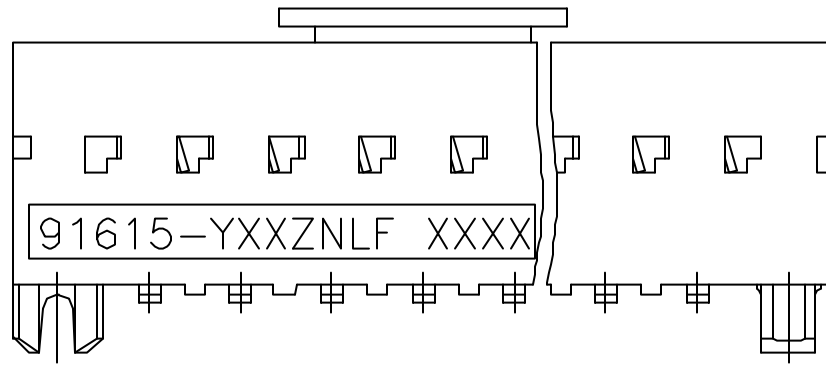
PRODUCT NUMBER
91615-YXXZNLF

WHEN NEEDED, SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 7

APPLICATION SPECIFIC

PRINTING METHOD FOR 91615-Y07 UP TO -Y50
MARKING: PART NUMBER AND DATE CODE

PRINTING METHOD FOR 91615-Y03 UP TO -Y07



91615-YXXZNLF XXXX

YEAR CODE
WEEK CODE
FOR OTHER OPTION
LETTERS SEE SHEET 1
NUMBER OF POS.
PLATING CODE

FCJ
FCJconnect.com

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mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family DUBOX
Ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title BtB RECEPT. VERT DR SMT
A	F10379	DLE	01.07.23	angles	Linear ±0.3		
B	F04-0347	DLE	04.11.10	±2'		scale N/A	dwg no 91615 sheet 2 of - size A3
C	F06-0137	DLE	06.02.27				
D	F06-0204	DLE	06.06.23	dr	D.LE	01.07.23	type CUSTOMER Drawing
				enr	P.NZ	01.07.23	
				chr	P.NZ	01.07.23	
				appd	JF.N	01.07.23	
sheet index	revision sheet						

1

2 3

4

5

6

A

B

C

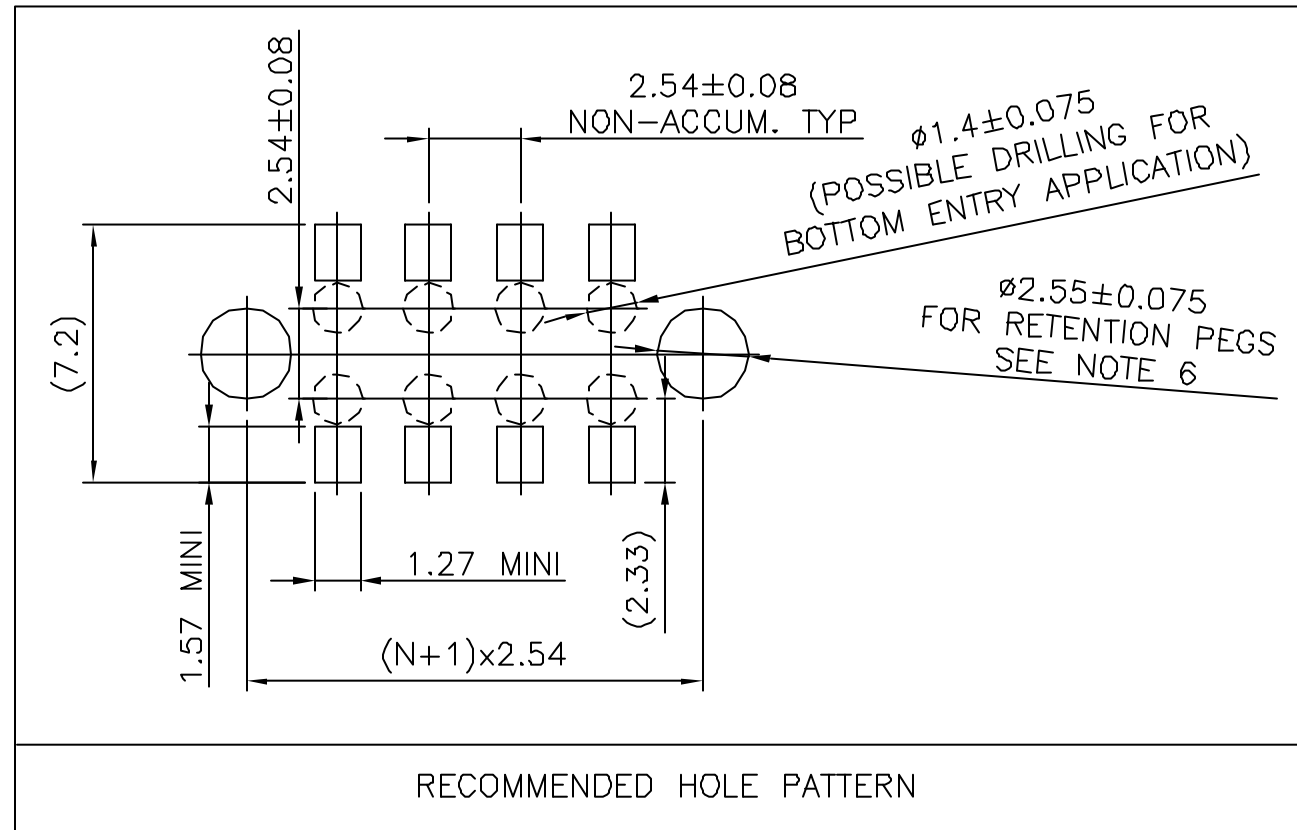
D

A

B

C

D



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mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family DUBOX	
ltr				ecn no		dr		date		title	
A				F04-0347		DLE		04.11.10		BtB RECEPT. VERT DR SMT	
B				F06-0204		DLE		06.06.23			
				angles		Linear		±0.3		scale N/A	
				±2'						dwg no 91615	
				dr		D.LE		04.11.10		sheet 3 of - size A3	
				enr		P.NZ		04.11.10		type CUSTOMER Drawing	
				chr		P.NZ		04.11.10			
				appd		P.NZ		04.11.10			
sheet index		revision sheet									

1

2

3

4

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6