

PRODUCT NUMBER
91615-YXXZWLF

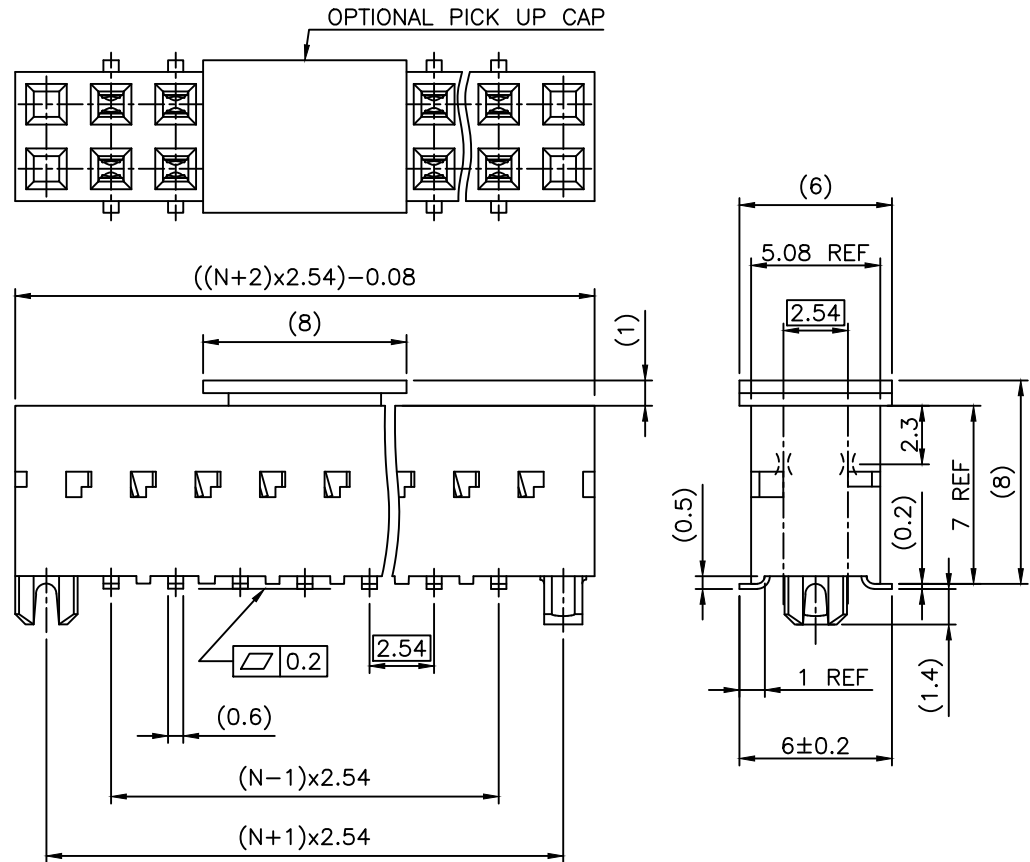
- RoHS COMPATIBLE, SEE NOTE 7
- OPTIONAL LETTER, SEE SHEET 2 (AS AVAILABLE)
- N: PRODUCT WITH TYPE MARKING ON CONNECTOR
- PACKAGING: (MAY BE SUBJECT TO TOOLING FEES)
- A: PRODUCT WITH PICK UP CAP PACKED IN TAPE & REEL SEE TA856
- B: PRODUCT WITH PICK UP CAP PACKED IN TUBE
- AV: CUSTOMER DEDICATED PRODUCT WITH PICK UP CAP PACKED IN TAPE & REEL SEE TA856
- KV: CUSTOMER DEDICATED PRODUCT WITHOUT PICK UP CAP PACKED IN TAPE & REEL SEE TA856
- ER: TAPE & REEL WITH CAP, FOR CUSTOMER DEDICATED PART AND SPECIFIC LABEL ON REEL
- NUMBER OF POSITIONS PER ROW: 03 UP TO 30 MORE THAN 30 POSITIONS ON SPECIAL REQUEST
- PLATING CODE: (AS AVAILABLE)
- 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

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 - $\phi 2.65$ 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-47-0004
- 8 - 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.
- 9 - UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.

EXTENDED RANGE

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



mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302		ISO 406 ISO 1101		DUBOX		DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
AJ	F-52810	DDE	24.09.05	angles	linear	±0.3		BtB RECEPT.	
AK	F-54526	DDE	25.02.06	±2'		scale 5:1		VERT DR SMT	
AE	F07-0165	DLE	07.03.30	dr	P.NIZZI	95.11.17	dwg no		sheet 1 of 2
AF	B-19123	LMU	14.10.21	enrg	P.NIZZI	01.07.23	size		A3
AG	F-34809	DDE	19.09.10	chr	P.NIZZI	01.07.23	type		CUSTOMER Drawing
AH	F-50929	LMU	24.03.12	appd	JF.NOTTEAU	01.07.23	Drawing		
sheet	revision	AK	F						
index	sheet	1	2						

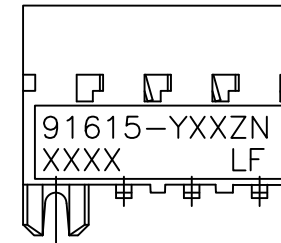
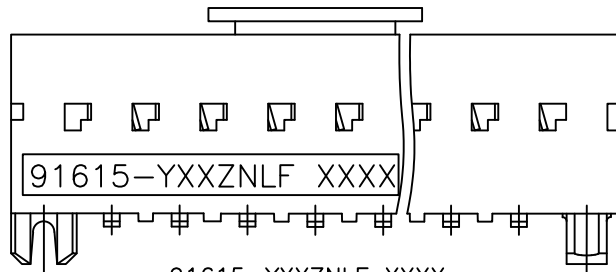
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91615-YXXZNLF

APPLICATION SPECIFIC

RoHS COMPATIBLE, SEE NOTE 7

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

PRINTING METHOD FOR 91615-Y03 UP TO -Y07

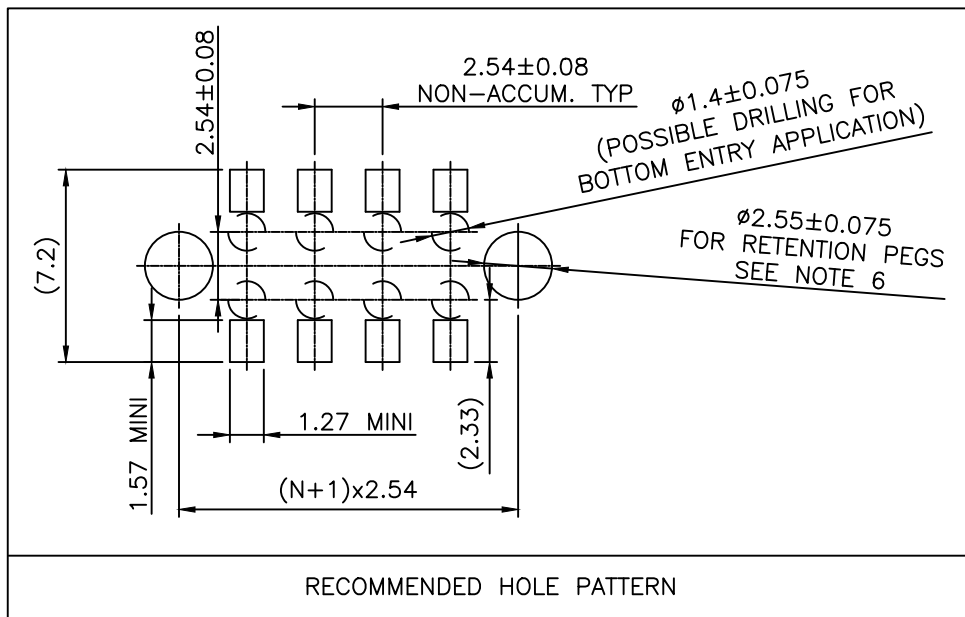


91615-YXXZNLF XXXX

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

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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 type CUSTOMER Drawing
C	F06-0137	DLE	06.02.27				
D	F06-0204	DLE	06.06.23	dr	D.LEGRAND	01.07.23	
E	B-19123	LMU	14.10.21	enrg	P.NIZZI	01.07.23	
F	F-54526	DDE	25.02.06	chr	P.NIZZI	01.07.23	sheet 2 of - size A3
				appd	JF.NOTTEAU	01.07.23	
sheet index	revision sheet						