

PRODUCT NUMBER  
91618-YXXZLF

RoHS COMPATIBLE, SEE NOTE 7

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

NUMBER OF POSITIONS PER ROW: 06 UP TO 30 MORE THAN 30 POSITIONS ON SPECIAL REQUEST

PLATING:  
(AS AVAILABLE)

3= 0.76µm GOLD ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL

4= 2µm TIN FULL PLATED

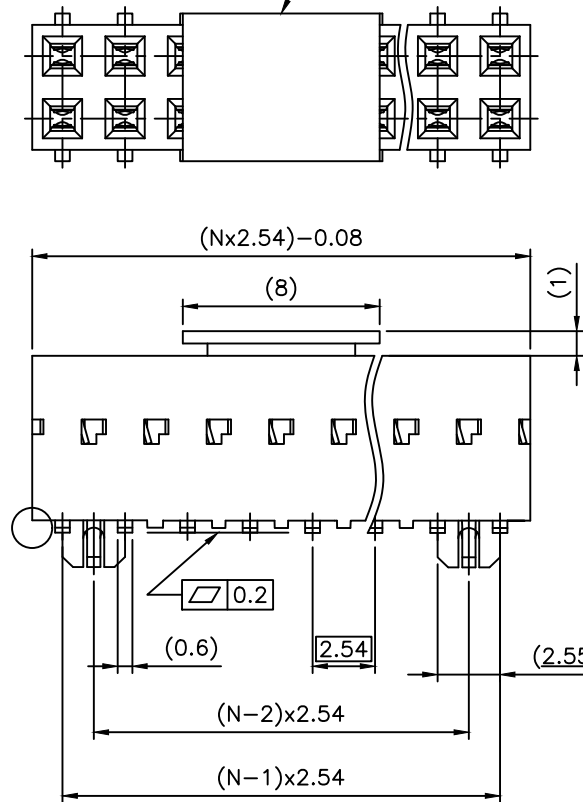
8= 0.38µm GOLD ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL

1.27µm Ni MIN UNDERPLATING

**EXTENDED RANGE**

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

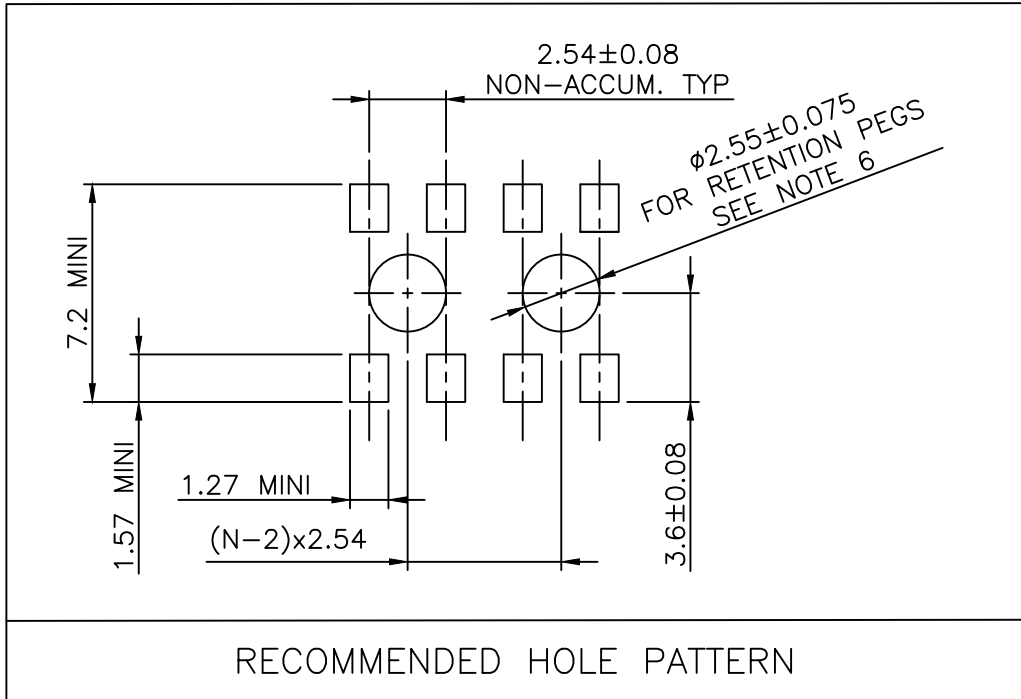
OPTIONAL PICK UP CAP



**NOTES:**

- 1 - HOUSING MATERIAL: THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94 V-0 COLOR: GREY.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - 06 UP TO 30 POSITIONS PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE: 8 POS: (N x 2.54) - 0.08 = 20.24 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-47-0004
- 8 - NO END STAND-OFFS
- 9 - 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.
- 10 - 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				surface		tolerance		projection		product family	
SEE NOTES				ISO 1302		ISO 406 ISO 1101		DUBOX		DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified		±0.3		mm		title	
W	F-21499	AMA	15.07.23	angles		linear		scale 5/1		BtB RECEPT.	
X	F-54531	DDE	25.02.07	±2'						VERT DR SMT	
S	F06-0137	DLE	06.02.27	dr	D.LEGRAND	02.10.08				dwg no	
T	F06-0204	DLE	06.06.23	engr	P.NIZZI	02.10.08				sheet 1 of 2	
U	F11-0043	JCO	12.02.22	chr	JF.NOTTEAU	02.10.08				size	
V	B-19123	LMU	14.10.21	appd	P.NIZZI	02.10.08				A3	
sheet		revision		X	C					type	
index		sheet		1	2					CUSTOMER Drawing	



RECOMMENDED HOLE PATTERN

Amphenol FCI  
FCIconnect.com

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mat'l. code SEE NOTES				surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection 		product family DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		BtB RECEPT.		
A	F04-0347	DLE	04.11.10	angles	linear	±0.3		mm		VERT DR SMT	
B	F06-0204	DLE	06.06.23	±2'				scale 5/1		sheet 2 of -	
C	F-54531	DDE	25.02.07	dr		D.LEGRAND	04.11.10	dwg no		91618	size A3
				enrg		P.NIZZI	04.11.10	type		CUSTOMER	Drawing
				chr		D.LEGRAND	04.11.10				
				appd		P.NIZZI	04.11.10				
sheet index		revision sheet									