




- 76341-302LF
- 76341-303LF
- 76341-304LF
- 76341-305LF
- 76341-306LF
- 76341-307LF
- 76341-308LF
- 76341-310LF

WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL



- SHORT LEAD-TIMES
- LOW MOQs
- QUICK SAMPLING
- AVAILABLE AT DISTRIBUTION

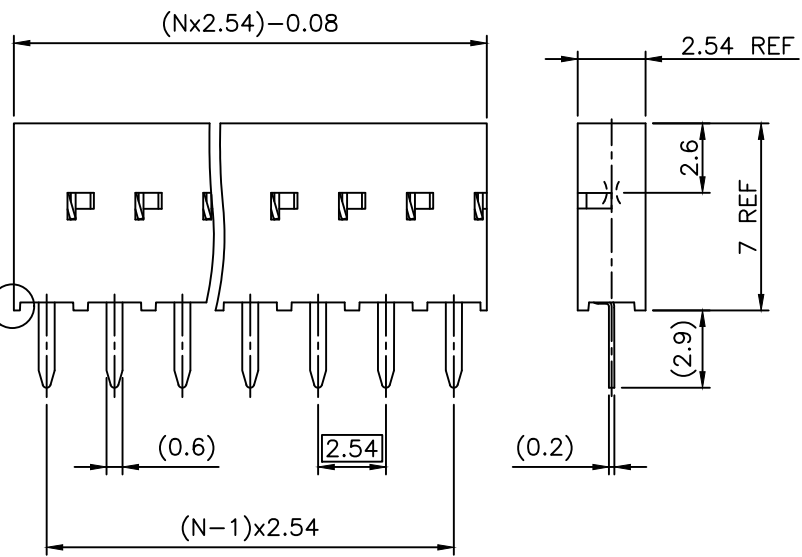
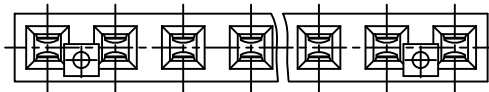
NOTES:

- 1 - HOUSING MAT'L: THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94 V-0  
LOW TEMPERATURE: COLOR BLUE  
HIGH TEMPERATURE: COLOR GREY.
- 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 x 2.54) - 0.08 = 20.24 mm
- 5 - 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-47-0004
- 6 - END STAND-OFFS FOR 1x2 UP TO 1x5 POS  
NO END STAND-OFFS FOR 1x6 UP TO 1x50 POS
- 7 - 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.
- 8 - UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.

RoHS COMPATIBLE  
SEE NOTE 5

NUMBER OF POSITIONS

PLATING CODE  
3= 0.76µm GOLD ON CONTACT AREA.  
2µm MIN MATTE TIN ON TAIL.  
1.27µm Ni MIN UNDERPLATING



NOTE 6

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	
P	F11-0043	JCO	12.02.22	angles linear		±0.3		BtB RECEPT.	
R	B-19123	LMU	14.10.21	±2'		scale 5:1		VERT SR TMT	
S	F-54444	DDE	25.01.27	dr		D.LEGRAND		04.09.27	
L	F03-0284	DLE	03.10.07	engr		P.NIZZI		04.09.27	
M	F04-0347	DLE	04.09.27	chr		D.LEGRAND		04.09.27	
N	F06-0204	DLE	06.06.20	appd		P.NIZZI		04.09.27	
sheet	revision	S	C						
index	sheet	1	2						



dwg no 76341 sheet 1 of 2 size A3  
type CUSTOMER Drawing

Amphenol FCI FCIconnect.com

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# EXTENDED RANGE

PRODUCT NUMBER  
76341-YXXXLF

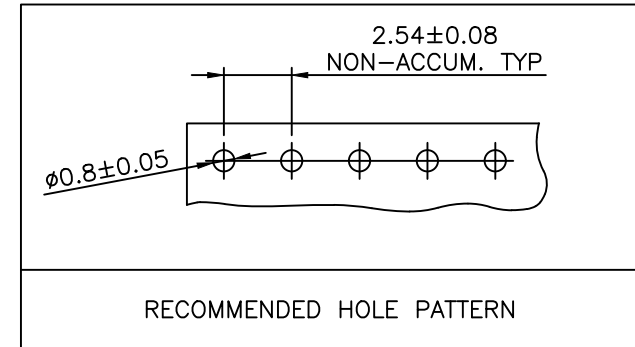
RoHS COMPATIBLE, SEE NOTE 5

OPTIONAL LETTER  
H: HIGH TEMPERATURE PRODUCT  
(AS AVAILABLE)

NUMBER OF POSITIONS: 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  
(AS AVAILABLE)



RECOMMENDED HOLE PATTERN

Amphenol  
FCI  
FCIconnect.com

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mat'l. code SEE SHEET 1		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		mm		title BtB RECEPT. VERT SR TMT	
A	F04-0347	DLE	04.09.27	angles	linear	mm		dwg no 76341	
B	F06-0204	DLE	06.06.20	±0.3					
C	F-54444	DDE	25.01.27	±2'		scale 5:1		sheet 2 of 2	
		dr	D.LEGRAND	04.09.27		Amphenol FCI		size A3	
		enr	P.NIZZI	04.09.27					
		chr	D.LEGRAND	04.09.27					
		appd	P.NIZZI	04.09.27		type CUSTOMER		Drawing	
sheet index	revision sheet								