

WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL

Preferred Part

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

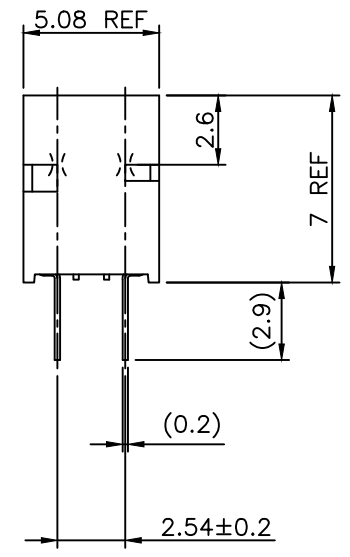
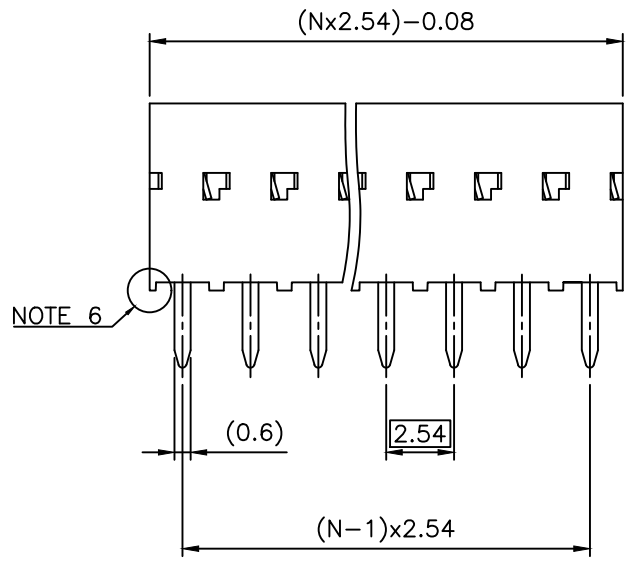
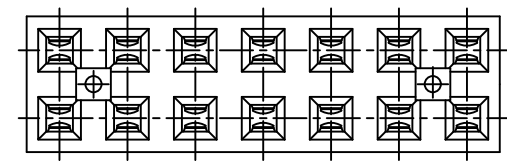
Preferred Part
76342-302LF
76342-303LF
76342-304LF
76342-305LF
76342-306LF
76342-307LF
76342-308LF
76342-309LF
76342-310LF

PLATING _____
 3 = 0.76µm GOLD ON CONTACT AREA
 2µm TIN MIN ON TAIL
 1.27µm Ni MIN UNDERLAYER

NUMBER OF POSITIONS PER ROW _____

RoHS COMPATIBLE
 SEE NOTE 5

- NOTES:
- HOUSING MATERIAL: THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94 V-0
 LOW TEMPERATURE: COLOR BLUE
 HIGH TEMPERATURE: COLOR GREY.
 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
 - 2 UP TO 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX.
 5 UP TO 50 POSITIONS PRODUCT PACKED IN TUBE.
 - TO DETERMINE DIMENSIONS:
 N = NUMBER OF POSITIONS PER ROW
 EXAMPLE: 8 POS: (N x 2.54) - 0.08 = 20.24 mm
 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
 - 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.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-47-0004
 - END STAND-OFFS FOR 2x2 UP TO 2x4 POS
 NO END STAND-OFFS FOR 2x5 UP TO 2x50 POS
 - 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.
 - 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 1 & 2		ISO 1302 ✓		ISO 406 ISO 1101		DUBOX		DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
AA	F-24429	AMA	16.07.01	±0.3		← mm →		BtB RECEPT.	
AB	F-49241	DDE	23.09.12	angles	linear	scale 5:1		VERT DR TMT	
AC	F-54450	DDE	25.01.28	±2'				dwg no	
				dr	D.LEGRAND	04.09.27	sheet 1 of 2		size
W	F11-0043	JCO	12.02.22	enfr	P.NIZZI	04.09.27	76342		A3
X	B-19123	LMU	14.10.21	chr	D.LEGRAND	04.09.27	type		
Y	B-21211	AMA	15.06.22	appd	P.NIZZI	04.09.27	CUSTOMER		Drawing
sheet	revision	AC	E						
index	sheet	1	2						

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EXTENDED RANGE

PRODUCT NUMBER
76342-YXXXLF

RoHS COMPATIBLE, SEE NOTE 5

OPTIONAL LETTER
(AS AVAILABLE)

H: HIGH TEMPERATURE PRODUCT.

C: PACKAGED IN SHORT TUBE.

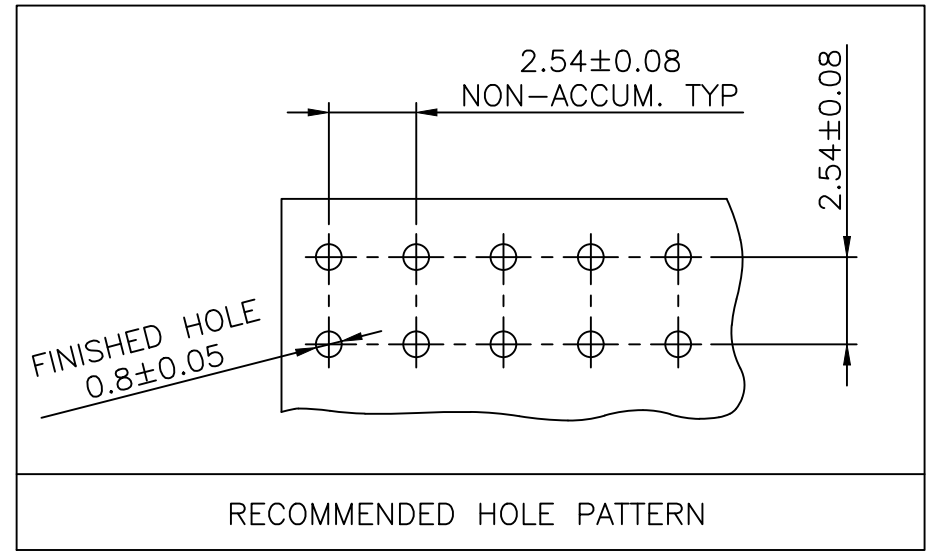
VH: HIGH TEMPERATURE PRODUCT
FOR CUSTOMER DEDICATED PART

NUMBER OF POSITIONS PER ROW: 02 TO 50.

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



mat'l. code SEE SHEET 1		surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101 <input type="checkbox"/>		tolerance ISO 406 ISO 1101 tolerances unless otherwise specified		projection 		product family DUBOX				
ltr	ecn no	dr	date	angles		mm		title BtB RECEPT. VERT DR TMT				
A	F04-0347	DLE	04.09.27	linear		scale 5:1		dwg no				
B	F06-0204	DLE	06.06.20	±2'				sheet 2 of 2				
C	B-21211	AMA	15.06.22					size A3				
D	F-49241	DDE	23.09.12	dr	D.LEGRAND	04.09.27	Amphenol FCI		76342			
E	F-54450	DDE	25.01.28	engr	P.NIZZI	04.09.27			type CUSTOMER		Drawing	
				chr	D.LEGRAND	04.09.27						
				appd	P.NIZZI	04.09.27						
sheet index	revision sheet											

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