

WE RECOMMEND THESE
CONNECTORS FOR OPTIMAL
SERVICE LEVEL



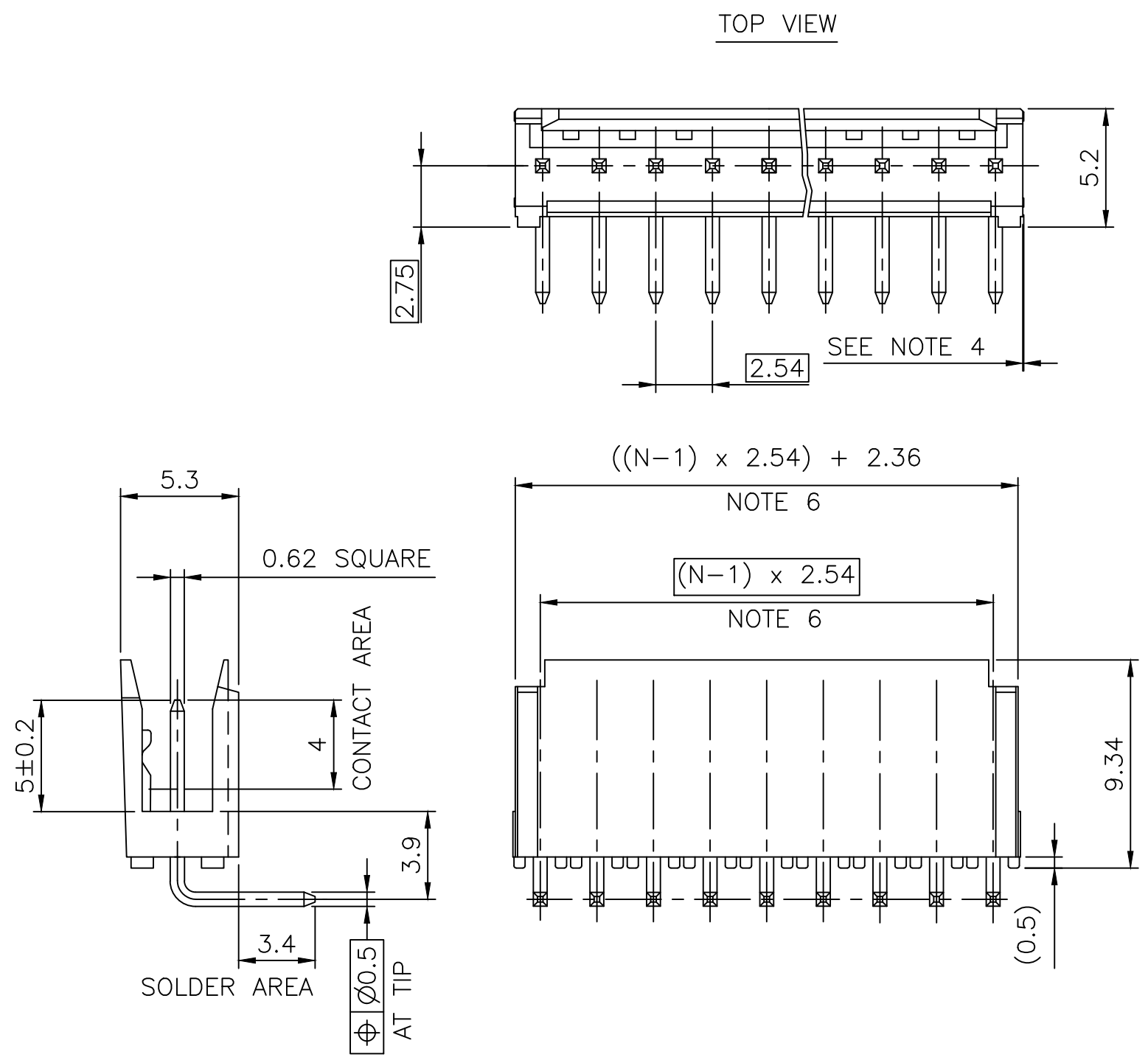
- SHORT LEAD-TIMES
- LOW MOQs
- QUICK SAMPLING
- AVAILABLE AT DISTRIBUTION

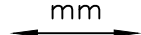
76382-302LF
76382-303LF
76382-304LF
76382-305LF
76382-306LF
76382-307LF
76382-308LF
76382-309LF
76382-310LF

PLATING _____ RoHS COMPATIBLE
SEE NOTE 7
3 = 0.76µm GOLD/GXT ON CONTACT AREA
2µm TIN MIN ON TAIL
1.27µm Ni MIN UNDERLAYER
NUMBER OF POSITIONS

NOTES:

- BODY MATERIAL: POLYESTER 30% GLASSFILLED COLOR BLUE, FLAME RETARDANT PER UL-94 V0.
- CONTACT MATERIAL: PHOSPHOR BRONZE.
- 15N MIN PIN RETENTION IN EITHER DIRECTION
- 0.6 MAX PROTRUSION PERMITTED AT 4 PLACES
- PACKAGING :
 - POLYBAGS FROM 02 TO 06 POSITIONS
 - TUBE FROM 07 TO 36 POSITIONS
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- 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 245°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
 - REFLOW COMPATIBLE MATERIAL ON DEMAND. PLEASE CONTACT US.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-47-0004
- 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 SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family DUBOX												
ltr	ecn no	dr	date	tolerances unless otherwise specified							title											
S	F-21810	AMA	15.06.19	angles	linear	.X ±0.3						SHR. HEADER RA SR TMT										
T	F-42440	DDE	22.10.05			.XX ±0.15																
U	F-54446	DDE	25.01.28			.XXX ±0.05																
V	F-300918	APH	26.08.10	dr	D.LEGRAND		01.01.24			dwg no												sheet 1 of 2
				enrg	J.COMPAGNON		01.01.24			76382				A3								
P	F08-0147	YOV	08.04.14	chr	J.COMPAGNON		01.01.24															
R	B-19285	AMA	14.11.03	appd	JF.NOTTEAU		01.01.24															
sheet index		revision		V	A																	
		sheet		1	2																	





EXTENDED RANGE

PRODUCT NUMBER
76382-YXXLF

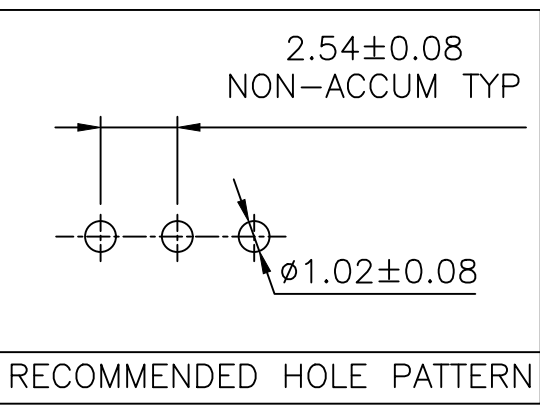
RoHS COMPATIBLE, SEE NOTE 7

NUMBER OF POSITIONS : 02 TO 36

PLATING
(AS AVAILABLE)

3=0.76µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
1.27µm Ni MIN UNDERPLATING

4=2µm MIN MATTE TIN FULL PLATED
1.27µm Ni MIN UNDERPLATING



mat'l. code SEE NOTES				surface ISO 1302	✓	tolerance ISO 406 ISO 1101	projection 	product family DUBOX							
ltr	ecn no	dr	date	tolerances unless		otherwise specified		title SHR. HEADER RA SR TMT							
A	F-54446	DDE	25.01.28	angles	linear	.X ±0.3									
						.XX ±0.15									
						.XXX ±0.05	mm								
							scale 5:1								
				dr	D.LEGRAND		01.01.24			dwg no		sheet 2 of 2		size	
				engr	J.COMPAGNON		01.01.24			76382		A3			
				chr	J.COMPAGNON		01.01.24								
				appd	JF.NOTTEAU		01.01.24			type		CUSTOMER		Drawing	
sheet index	revision sheet														

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