

Amphenol
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WE RECOMMEND THESE
CONNECTORS FOR OPTIMAL
SERVICE LEVEL



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

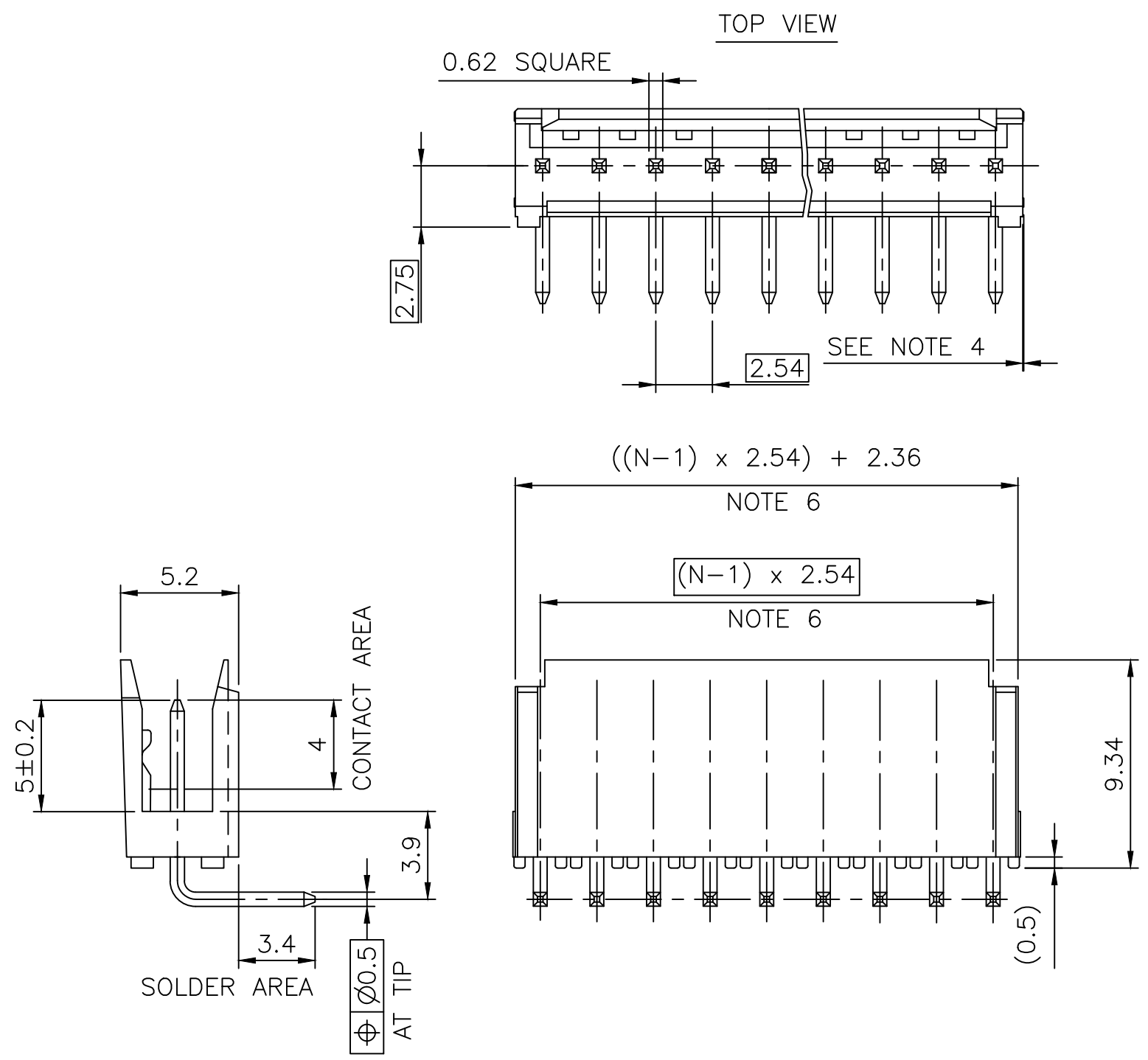
76382-302LF
76382-303LF
76382-304LF
76382-305LF
76382-306LF
76382-307LF
76382-308LF
76382-309LF
76382-310LF

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

RoHS COMPATIBLE
SEE NOTE 7
NUMBER OF POSITIONS

NOTES:

1. BODY MATERIAL: POLYESTER 30% GLASSFILLED COLOR BLUE, FLAME RETARDANT PER UL-94 V0.
2. CONTACT MATERIAL: PHOSPHOR BRONZE.
3. 15N MIN PIN RETENTION IN EITHER DIRECTION
4. 0.6 MAX PROTRUSION PERMITTED AT 4 PLACES
5. PACKAGING :
 - POLYBAGS FROM 02 TO 06 POSITIONS
 - TUBE FROM 07 TO 36 POSITIONS
6. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
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 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.
 - 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.



mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family DUBOX			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm scale 5:1	title SHR. HEADER RA SR TMT			
S	F-21810	AMA	15.06.19	angles	linear		dwg no 76382 sheet 1 of 2 size A3			
T	F-42440	DDE	22.10.05							
U	F-54446	DDE	25.01.28							
V	F-300918	APH	26.08.10	dr	D.LEGRAND	01.01.24	Amphenol FCI	type CUSTOMER Drawing		
W	F-305667	APH	26.09.09	enrg	J.COMPAGNON	01.01.24				
				chr	J.COMPAGNON	01.01.24				
R	B-19285	AMA	14.11.03	appd	JF.NOTTEAU	01.01.24				
sheet index	revision sheet	W	A	1	2					

EXTENDED RANGE

PRODUCT NUMBER
76382-YXXLF

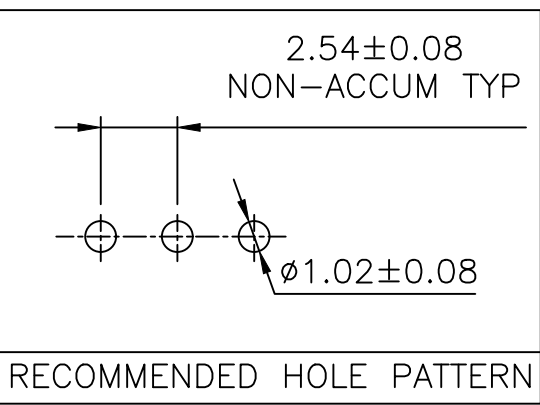
RoHS COMPATIBLE, SEE NOTE 7

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 mm	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	scale 5:1	dwg no 76382											
				dr	D.LEGRAND		01.01.24												
				engr	J.COMPAGNON		01.01.24												
				chr	J.COMPAGNON		01.01.24												
				appd	JF.NOTTEAU		01.01.24	type CUSTOMER											
sheet index	revision sheet																		