

PRODUCT NUMBER
91687-YXXLF

EXTENDED RANGE

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

PLATING
(AS AVAILABLE)

RoHS COMPATIBLE, SEE NOTE 7

NUMBER OF POSITIONS PER ROW: 02 TO 36

3=0.76µm GOLD/GXT ON CONTACT AREA

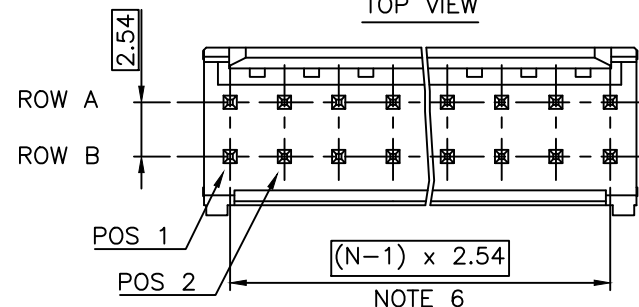
2 µm MIN MATTE TIN ON TAIL

1.27µm Ni MIN UNDERPLATING

4=2µm MIN MATTE TIN FULL PLATED

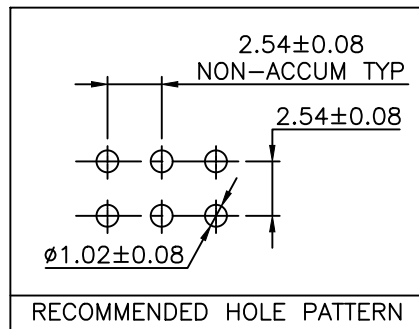
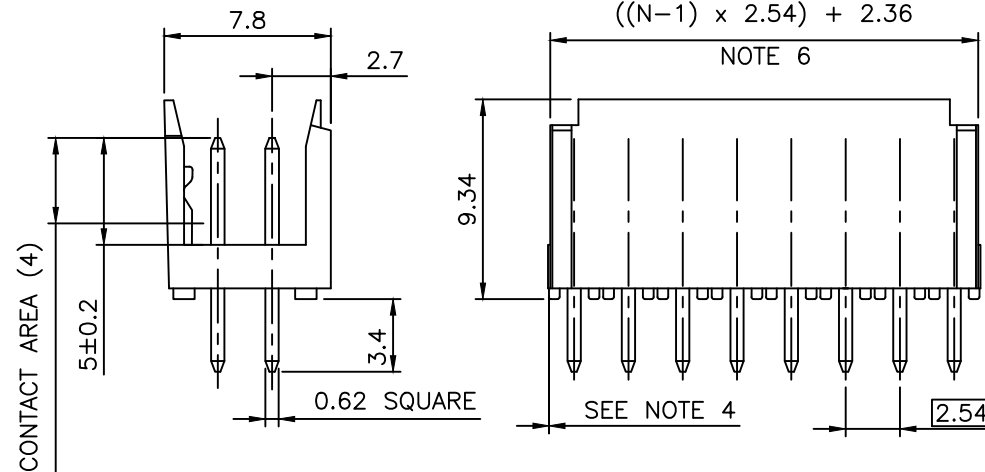
1.27µm Ni MIN UNDERPLATING

TOP VIEW



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 2 x 02 TO 2 x 06 POSITIONS
 - TUBE FROM 2 x 07 TO 2 x 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.
 - 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				surface	tolerance	projection	product family	
SEE NOTE 1				ISO 1302	ISO 406 ISO 1101		DUBOX HDR	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title	
J	F-47162	DDE	23.02.01	angles	.X ±0.3			
K	F-55075	DDE	25.03.20	linear	.XX ±0.3			
				±2'	.XXX ±0.3	scale 5:1	DUBOX HEADER STRAIGHT DOUBLE ROW	
E	F06-0228	LMU	06.07.11	dr	L.MULIN 00.04.12		dwg no	sheet 1 of 1
F	F08-0147	YOV	08.04.14	engr	J.COMPAGNON 00.04.12		91687	size A3
G	B-19285	AMA	14.11.03	chr	J.COMPAGNON 00.04.12		type	CUSTOMER Drawing
H	F-21810	AMA	15.06.19	appd	J.COMPAGNON 00.04.12			
sheet index	revision							

RECOMMENDED HOLE PATTERN

Amphenol FCI

Copyright FCI