

PRODUCT NUMBER

90309-XXXXLF

PLATING  
(AS AVAILABLE)

- 0 = 0.20µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL
- 1 = 0.76µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL
- 3 = 0.38µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL
- 5 = 0.38µm GXT FULL PLATED
- 6 = 0.76µm GXT FULL PLATED
- 7 = 0.76µm GOLD/GXT FULL PLATED
- 9 = 0.20µm GOLD/GXT FULL PLATED
- 1.27µm MIN Ni UNDERPLATING

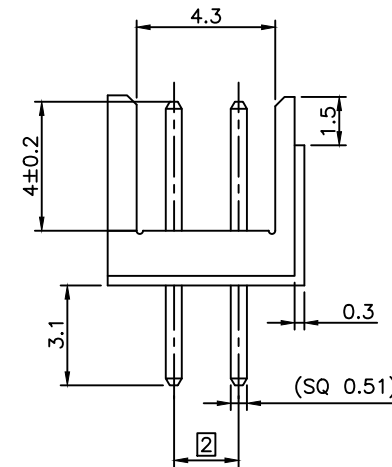
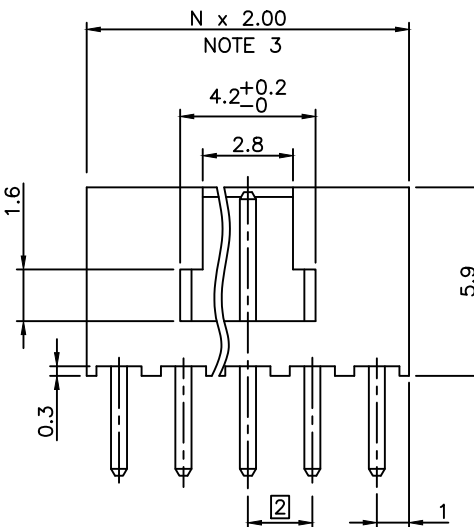
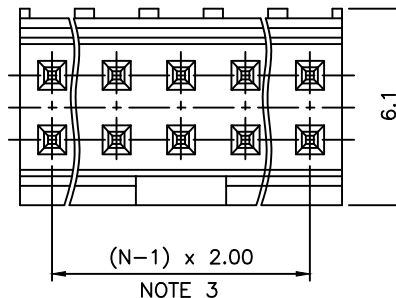
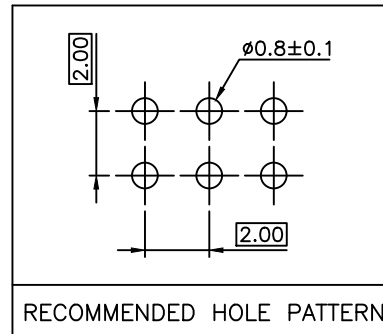
RoHS COMPATIBLE, SEE NOTE 6

PACKAGING, SEE NOTE 5  
(MAY BE SUBJECT TO TOOLING FEES)

TOTAL NB OF POSITIONS, 08 TO 34

EXTENDED RANGE

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



NOTES:

- 1 - MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC  
UL 94V-0, COLOR CREAM
- 2 - MATERIAL TERMINAL: COPPER ALLOY
- 3 - TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW
- 4 - 7N MIN. PIN RETENTION IN EITHER DIRECTION.
- 5 - PACKAGING:  
= POLYBAGS  
T = TUBE
- 6 - 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 - LABELLING:  
- MEETS PACKAGING SPECS AS PER GS-14-920
  - d - THIS PRODUCT MEETS EUROPEAN DIRECTIVES  
AND OTHER COUNTRY REGULATIONS AS DISCRIBED  
IN GS-47-0004.
- 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.

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101		mm		MINITEK HEADER	
ltr		ecn no		dr		date		title	
S		F05-0128		LMU		05.02.21		SHROUDED HEADER	
T		F06-0210		LMU		06.07.04		2.00 mm TMT DR	
U		F07-0191		JCO		07.09.05		dwg no	
V		F08-0145		ELA		15.04.08		sheet 1 of 1	
W		B-19190		LMU		15.04.08		size	
X		F-55058		DDE		25.03.20		90309	
				appd		J.COMPAGNON		A3	
								type	
								CUSTOMER	
								Drawing	
sheet		revision							
index		sheet							