

PRODUCT DESCRIPTION CODE:  
10131936-YXXXLF

PLATING:  
(AS AVAILABLE)

- 1 = 0.76 μm GOLD ON CONTACT AREA  
2.00 μm MIN MATTE TIN ON TAIL
- 2 = 0.38 μm GOLD ON CONTACT AREA  
2.00 μm MIN MATTE TIN ON TAIL
- 3 = 0.20 μm GOLD ON CONTACT AREA  
2.00 μm MIN MATTE TIN ON TAIL
- 4 = 0.76 μm GXT ON CONTACT AREA  
2.00 μm MIN MATTE TIN ON TAIL
- 5 = 0.38 μm GXT ON CONTACT AREA  
2.00 μm MIN MATTE TIN ON TAIL
- 6 = 0.20 μm GXT ON CONTACT AREA  
2.00 μm MIN MATTE TIN ON TAIL
- 9 = 2.54 μm MIN MATTE TIN ON CONTACT AREA  
2.00 μm MIN MATTE TIN ON TAIL

1.27 μm NICKEL MIN UNDERLAYER

NOTES :

- 1 - MATERIAL  
HOUSING : HIGH TEMPERATURE GLASS FILLED FLAME  
RETARDANT PER UL 94 V-0  
TERMINAL: COPPER ALLOY
- 2 - TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS N x 2 = 16mm  
UP TO N = 24 TOLERANCE : 0  
FROM N = 26 TOLERANCE : 0.05  
-0.10
- 3 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - a - PLATING :  
"LF" MEANS THE PRODUCT IS LEAD-FREE,  
2 μm MINIMUM MATTE TIN OVER 1.27 μm  
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 - LEGAL STATEMENT : SEE GS-47-0004
- 4 - 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.
- 5 - UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS  
AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO  
AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO  
CHANGE WITHOUT NOTICE.

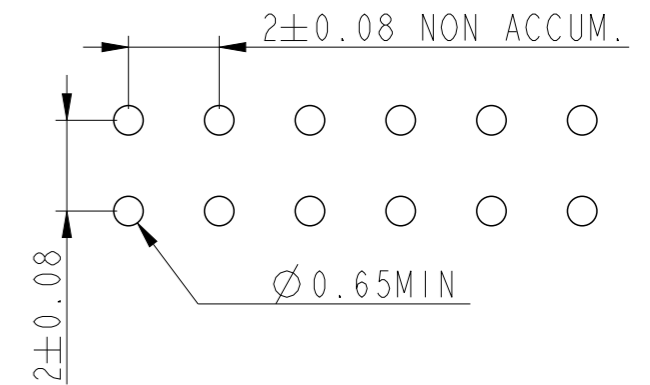
RoHS COMPATIBLE, SEE NOTE 3

PACKAGING :  
"U" : TUBE

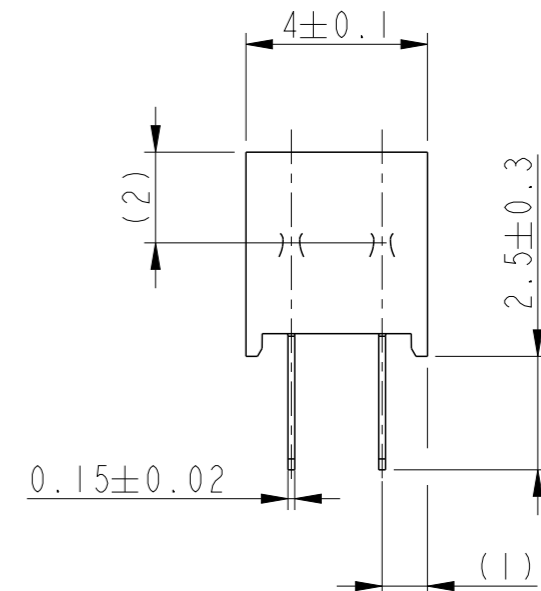
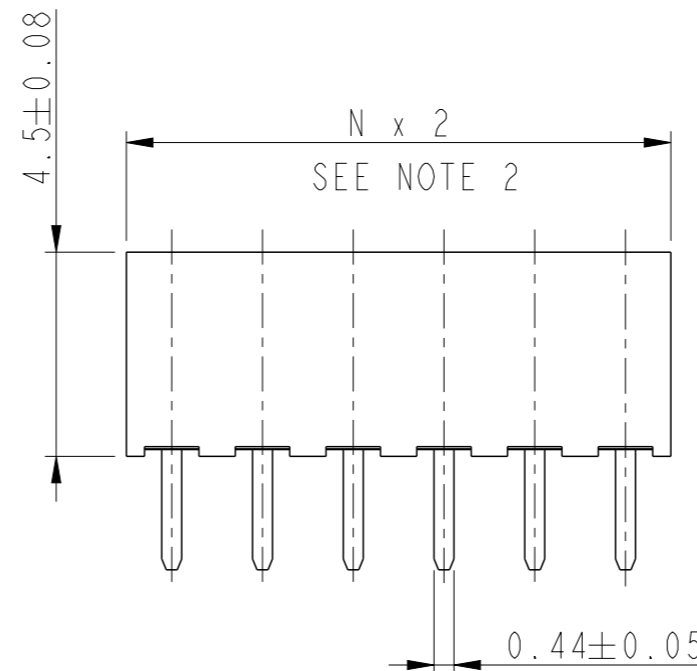
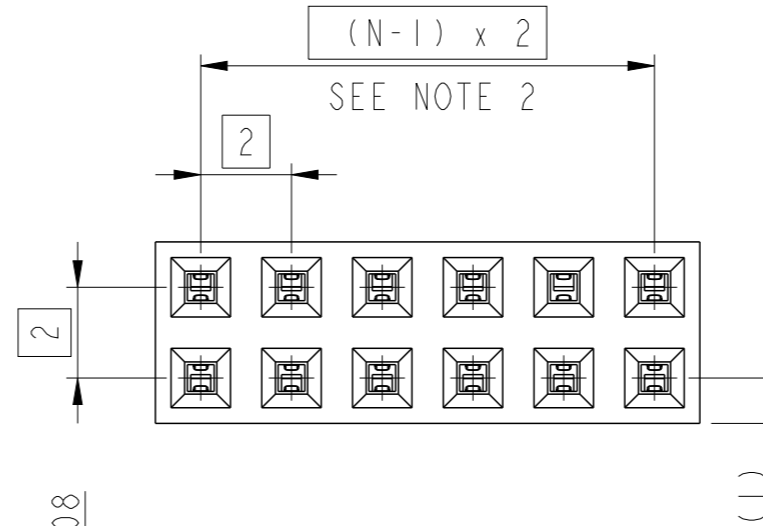
TOTAL NUMBER OF POSITIONS: 04 TO 50

EXTENDED RANGE

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



RECOMMENDED PAD LAYOUT



spec ref	GS-12-1326	dr	Cyril Jeune	2014/12/02	projection	mm	size	A3	scale	6:1
tolerance std	ISO 406 ISO 1101	eng	Detouillon, Da	2025/02/05			ecn no	ELX-F-54309-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-				rel level	Released	
surface	linear	appr	Lamy, Alexandr	2025/02/06	product family	-	rel level	Released		
ISO 1302	angular									