

PRODUCT NUMBER
54111-XXXXXXXXL

PLATING
(AS AVAILABLE)

RoHS COMPATIBLE
SEE NOTE 8
STACK HEIGHT, SEE NOTE 6
TOTAL NB OF POSITIONS
02 TO 36

- 1 = 0.76µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
OVER 1.27µm Ni MIN
- 4 = 2µm MIN MATTE TIN
OVER 1.27µm Ni MIN
- 8 = 0.38µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
OVER 1.27µm Ni MIN

PIN STYLE, SEE TABLE
(AS AVAILABLE)

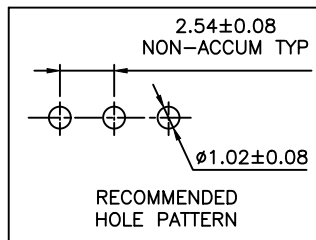
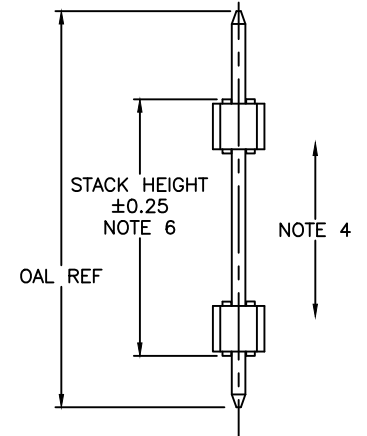
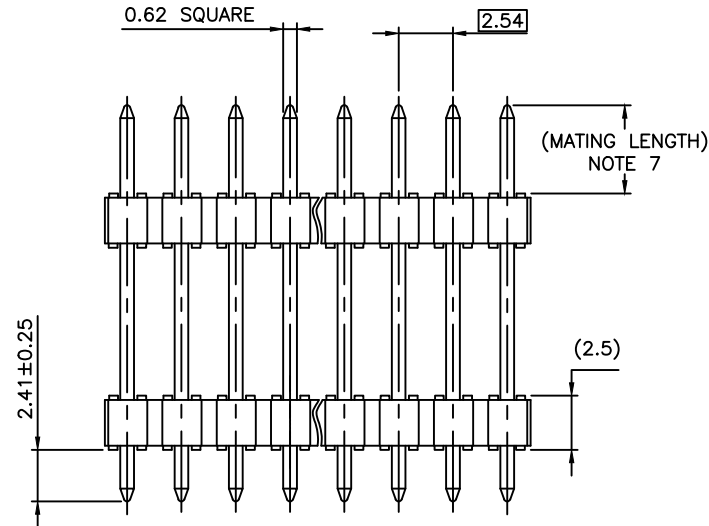
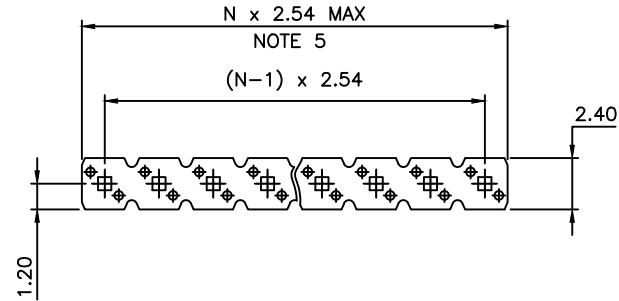
OAL	PIN STYLE
12.2	01
13.5	02
15.9	03
16.56	15
16.76	04
17.65	05
18.91	06
20.50	28
20.96	07
22.40	19
23.5	08
26.04	09
26.42	14
28.00	18
28.58	10
29.70	31
30.48	20
31.12	11
32.15	21
32.80	29
33.66	12
34.00	13
36.20	16
37.30	22
38.40	23
42.30	24
43.00	25
47.00	26
52.00	27

NOTES:

- HOUSING MATERIAL : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- STANDARD PACKAGING IN POLYBAG
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
- XXXX = MILLIMETERS
5.0mm MIN TO 45.0mm MAX, IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: $\underline{1} \underline{2} \underline{5} \underline{0} = 12.50\text{mm}$
- MATING LENGTH = (OAL)-(2.41)-(STACK HEIGHT)
- 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 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
 - LABELLING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN 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.

EXTENDED RANGE

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



mat'l. code SEE NOTES				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title UNSHR. HEADER STR SR TMT			
H	B-17843	LMU	14.06.04	angles	linear		dwg no 54111			
J	B-18962	LMU	14.09.29				sheet 1 of 1			
K	B-19782	AMA	14.12.16			scale 4:1	size A3			
L	F-39083	LMU	20.11.24	dr	D.LEGRAND	01.01.24	Amphenol FCI			
M	F-47061	DDE	23.01.18	engr	J.COMPAGNON	01.01.24				
N	F-54493	DDE	25.02.05	chr	J.COMPAGNON	01.01.24	type CUSTOMER Drawing			
				appd	JF.NOTTEAU	01.01.24				
sheet index	revision sheet									