

PRODUCT NUMBER
54242-XXXXXXXXXLF

PLATING
(AS AVAILABLE)

- 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
- 9 = GOLD FLASH ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
OVER 1.27µm Ni MIN

- RoHS COMPATIBLE, SEE NOTE 8
- PACKAGING, SEE NOTE 3
(MAY BE SUBJECT TO TOOLING FEES)
- STACK HEIGHT, SEE NOTE 6
- TOTAL NB OF POSITIONS
04 TO 50
- PIN STYLE, SEE TABLE
(AS AVAILABLE)

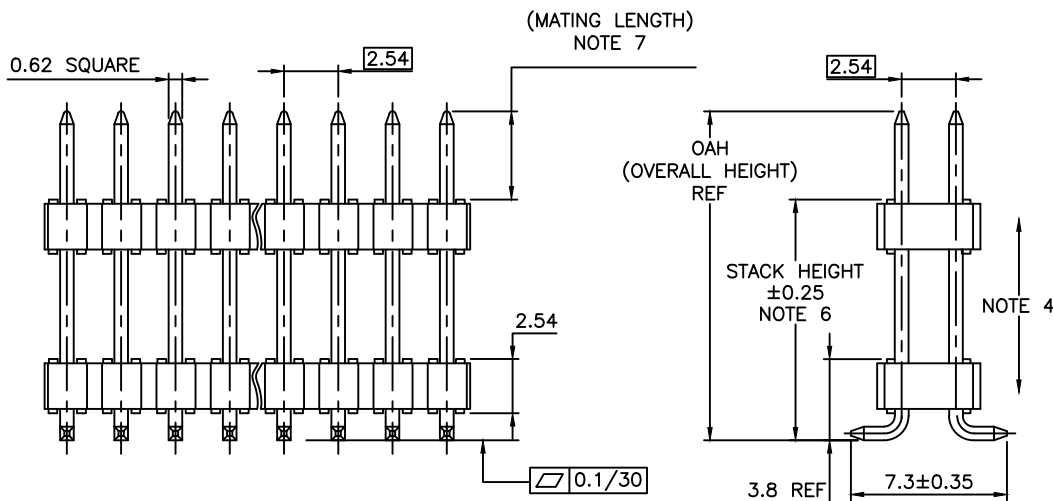
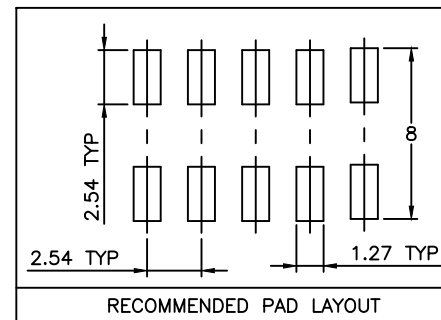
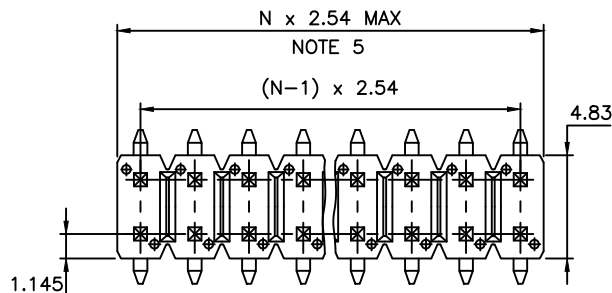
EXTENDED RANGE

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

NOTES:

1. HOUSING MATERIAL : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. PACKAGING :
BLANK = PACKAGING IN POLYBAG OR BLIBOX
"A" = TAPE & REEL WITH CAP, AS AVAILABLE
"K" = TAPE & REEL WITHOUT CAP, AS AVAILABLE
"T" = TUBE WITHOUT CAP, AS AVAILABLE
4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EX: 8 POS PER ROW, N x 2.54 = 20.32mm
6. XXXX = MILLIMETERS
SPECIFY MILLIMETERS
9.5mm MIN TO 26.0mm MAX AVAILABLE
IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: 1250 = 12.5mm
7. MATING LENGTH = (OAH)-(STACK HEIGHT)
8. 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
 - c - LABELLING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
9. 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.
10. UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.

PIN STYLE	OAH
01	10.42
02	11.72
04	14.98
05	15.87
06	17.13
07	19.18
08	21.72
09	24.26
10	26.80
11	29.34
12	31.88
13	32.22
14	24.64
15	14.78
16	34.42
18	26.22
19	20.62
20	28.70
21	30.37
23	36.62
24	40.52
27	50.22
28	18.72
29	43.00
30	27.43
31	22.20
32	16.90
33	33.00
34	23.40
35	25.00



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 DR, SMT, DOUBLE BODY			
R	F-42530	DDE	21.10.04	angles	linear					
S	F-46816	DDE	22.12.20							
T	F-47065	DDE	23.01.18							
U	F-49145	DDE	23.08.31	dr	D.LEGRAND	01.01.24	Amphenol FCI	dwg no		sheet 1 of 1
V	F-54152	DDE	25.01.06	engr	J.COMPAGNON	01.01.24		54242		A3
W	F-54497	DDE	25.02.05	chr	J.COMPAGNON	01.01.24		type		CUSTOMER
X	F-285156	DDE	26.04.03	appd	JF.NOTTEAU	01.01.24		Drawing		
sheet	revision									
index	sheet									