

PRODUCT NUMBER
93689-YXX-XXLF

PLATING, SEE TABLE
(AS AVAILABLE)

PIN STYLE, SEE TABLE
(AS AVAILABLE)

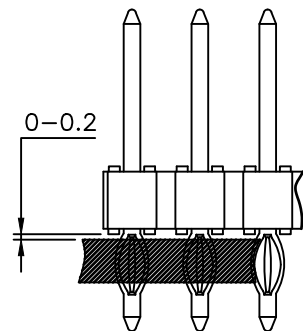
RoHS COMPATIBLE
SEE NOTE 6 & 7

TOTAL NB OF POS
02 TO 36

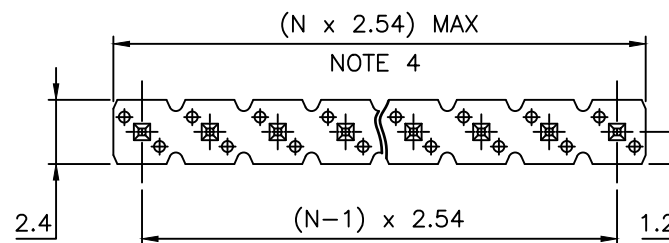
EXTENDED RANGE

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

PIN STYLE	DIM "A" REF	DIM "B" ±0.3	DIM "L" REF
01	7.50	4.50	14.78
02	10.14	4.50	17.40
03	5.68	4.50	12.83
04	14.80	4.75	22.15
05	8.30	4.50	15.44
06	6.80	3.60	12.90
07	17.50	3.60	23.85
08	12.20	3.00	17.74
09	9.26	3.20	14.96



RECOMMENDED
POSITION ON THE PCB

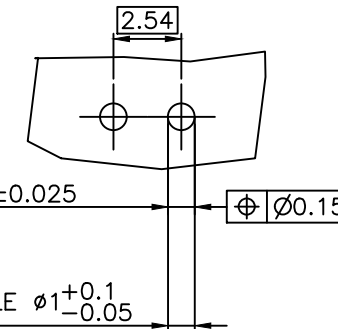


DRILLED HOLE $\phi 1.15 \pm 0.025$

Cu $25\mu\text{m}-65\mu\text{m}$

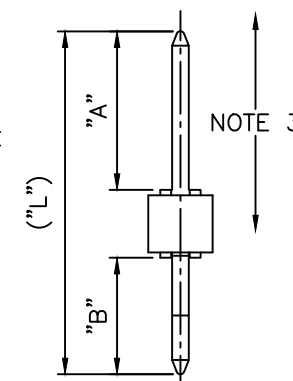
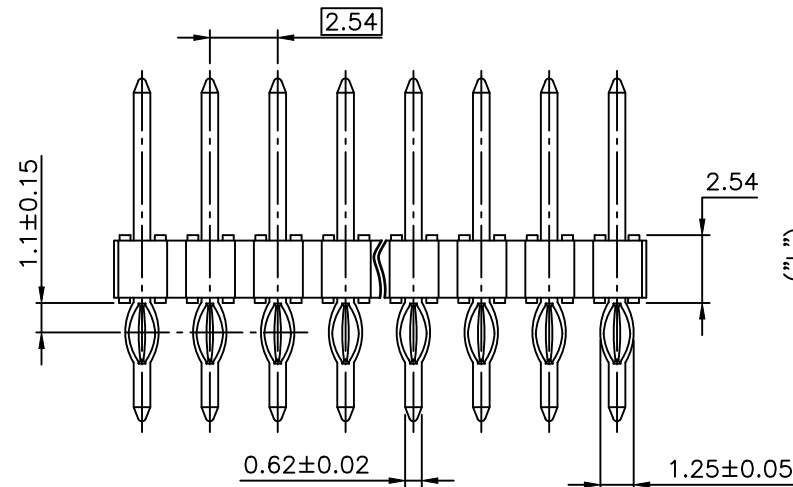
Sn $8\mu\text{m}-18\mu\text{m}$

FINISHED PLATED HOLE $\phi 1^{+0.1}_{-0.05}$



NOTES:

- 1 - HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- 2 - PIN MATERIAL: PHOSPHOR BRONZE
- 3 - 9N MIN RETENTION IN EITHER DIRECTION
- 4 - TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EXAMPLE: 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
- 5 - STANDARD PACKAGING IN POLYBAGS
- 6 - LEAD FREE CONNECTOR
- 7 - "LF" MEANS THAT THE PRODUCT IS RoHS COMPLIANT THEN MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-47-004
- 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.



XXXXX-TXXLF	2μm MIN FULL MATTE TIN PIN TYP PLATED OVER 1.27μm Ni MIN	
XXXXX-4XXLF	2μm TIN MIN OVER 1.27μm Ni MIN	
XXXXX-1XXLF	0.76μm GOLD/GXT OVER 1.27μm Ni MIN	1.0μm TIN OVER 1.27μm
PLATING NUMBER	CONTACT AREA	PRESS FIT TAIL AREA

mat'l. code				surface	tolerance	projection	product family	
				ISO 1302	ISO 406 ISO 1101		BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
R	B-20781	AMA	15.04.28	angles	linear		HEADER P-FIT	
S	F-47107	DDE	23.01.25				SINGLE ROW	
T	F-55250	DDE	25.04.03					
				dr	J.COMPAGNON	95.07.25	dwg no	
M	B-18988	LMU	14.10.06	engr	J.COMPAGNON	95.07.24	sheet 1 of 1	
N	B-16427	LMU	14.11.04	chr			size	
P	B-20744	LMU	15.04.23	appd	J.COMPAGNON	95.07.25	A3	
				sheet	revision		type	
				index	sheet		CUSTOMER Drawing	