PRODUCT NUMBER
10082201–YXX–XXLF

PLATING
(AS AVAILABLE)

1= 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAILS

4= 2.0µm TIN MIN FULL PLATED

8= 0.38µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAILS

1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

RoHS COMPATIBLE, SEE NOTE 7

TOTAL NB OF POSITIONS
02 TO 36

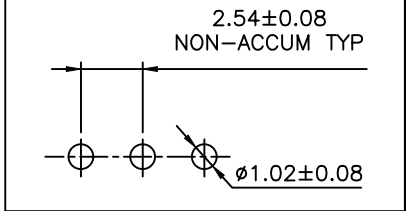
PACKAGING, SEE NOTE 3
(MAY BE SUBJECT TO TOOLING FEES)

PIN STYLE, SEE TABLE
(AS AVAILABLE)

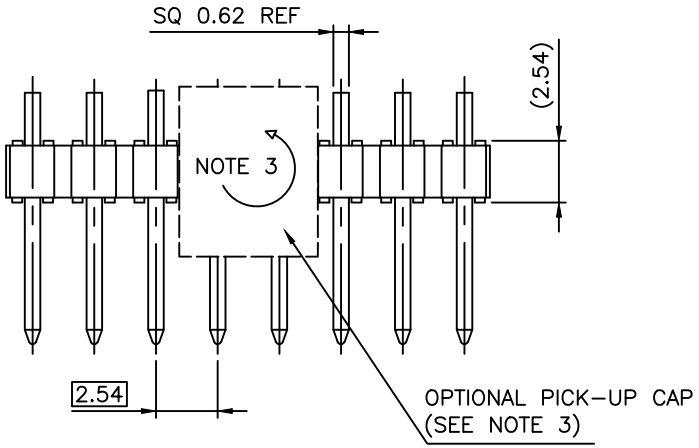
PIN STYLE	MATING SIDE	DIM "B"
01	5.84	2.50
02	6.75	2.50
03	5.84	3.00
04	6.75	3.00
05	11.60	3.00
06	9.50	4.30
07	8.07	3.00
08	3.10	2.50
09	3.50	3.05

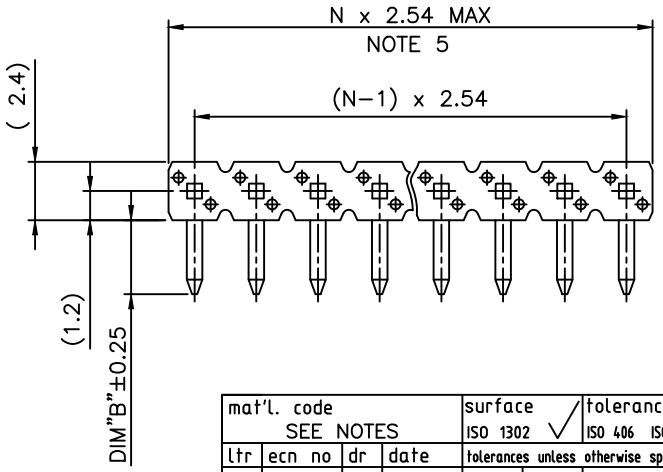
EXTENDED RANGE

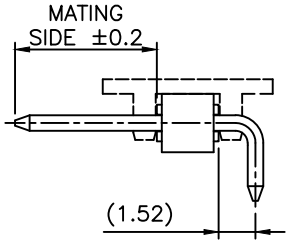
- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND



RECOMMENDED HOLE PATTERN







NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V–0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. PACKAGING.
   - – = POLY BAGS
   - A = TAPE & REEL WITH CAP, AS AVAILABLE
   - AD = TAPE & REEL WITH CAP FOR CUSTOMER DEDICATED PART, AS AVAILABLE
   - K = TAPE & REEL WITHOUT PICK UP CAP, AS AVAILABLE
4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :
   N = NUMBER OF POSITIONS PER ROW
   EXAMPLE : 8 POS N x 2.54 = 20.32mm
6. UNDERPLATING : 1.27µm Ni MIN
7. 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 PEAK TEMPERATURE FOR 30 SECONDES IN A CONVECTION, INFRA–RED OR VAPOR PHASE REFLOW OVEN.
   - c – LABELING:
     - – MEETS PACKAGING SPECS AS PER GS–14–920
   - d – LEGAL STATEMENT: SEE GS–47–0004
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.

ltr	ecn no	dr	date
H	F–49500	DDE	23.10.17
J	F–55062	DDE	25.03.20
D	B–18990	LMU	14.10.06
E	B–20031	AMA	15.01.20
F	F–23188	AMA	16.02.01
G	F–44758	DDE	22.05.16

dr	L.MULIN	08.01.15
engr	J.COMPAGNON	08.01.15
chr		
appd	J.COMPAGNON	08.01.15

mat'l. code: SEE NOTES
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified: angles; linear .X ±0.3, .XX ±0.15, .XXX ±0.05
projection
mm
scale 5:1
sheet index | revision sheet

product family: BERGSTIK
title: UNSHR.HEADER RA SR PIN IN PASTE
dwg no: 10082201
sheet 1 of 1
size: A3
type: CUSTOMER Drawing

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