RoHs COMPATIBLE PRODUCT NUMBER
54111–XXXXXXXXXLF

PLATING

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

8 = 0.38µm 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

INDICATES THE PRODUCT IS RoHS COMPATIBLE SEE NOTE 8

STACK HEIGHT NOTE 6

TOTAL NB OF POSITIONS 02 TO 36

STANDARD PRODUCT NUMBER
54111–XXX–XX–XXXX

PLATING

1 = 0.76µm GOLD/GXT ON CONTACT AREA
3.81µm TIN/LEAD ON TAIL
OVER 1.27µm Ni MIN

8 = 0.38µm GOLD/GXT ON CONTACT AREA
3.81µm TIN/LEAD ON TAIL
OVER 1.27µm Ni MIN

4 = TIN LEAD
OVER 1.27µm Ni MIN

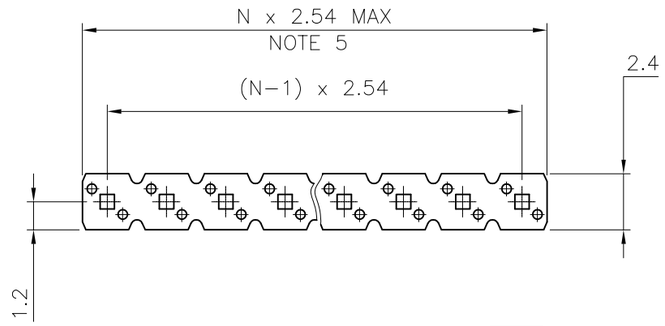
STACK HEIGHT NOTE 6

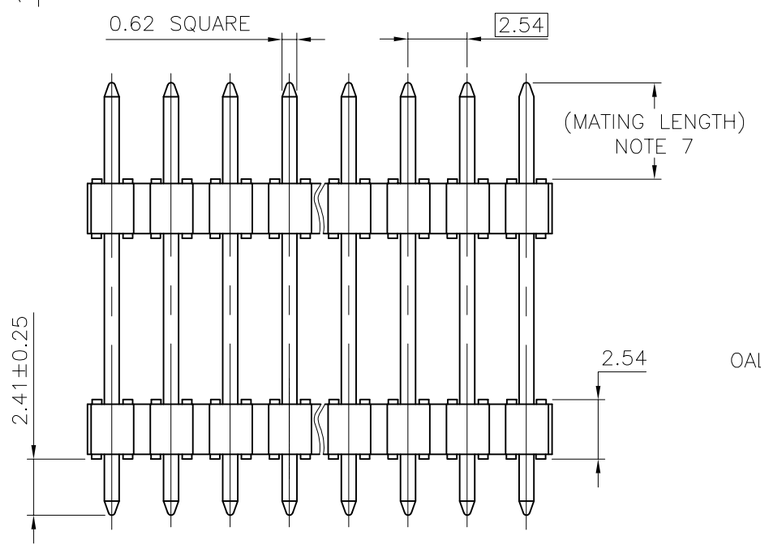
TOTAL NB OF POSITIONS 02 TO 36

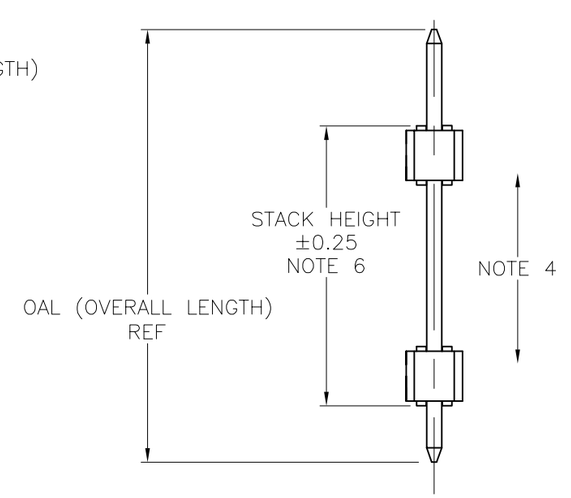
NOTES:

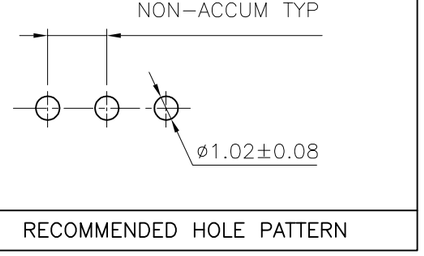
1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V–0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. PRODUCT PACKAGED IN PLASTIC BOX
4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :
   N = NUMBER OF POSITIONS PER ROW
   EXAMPLE : 8 POS PER ROW, N x 2.54 = 20.32mm
6. XXXX = MILLIMETERS
   SPECIFY MILLIMETERS
   8mm MIN TO 25.0mm MAX AVAILABLE
   IN 0.5mm INCREMENT
   EXAMPLE FOR STACK HEIGHT: 1 2 5 0 = 12.5mm
7. MATING LENGTH = (OAL)–(2.41)–(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
   – 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 – THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS–22–008

PIN STYLE	OAL
01	12.2
02	13.5
03	15.9
04	16.76
05	17.65
06	18.91
07	20.96
08	23.5
09	26.04
10	28.58
11	31.12
12	33.66
13	34
14	26.42
15	16.56
16	36.2
18	28









RECOMMENDED HOLE PATTERN

ltr	ecn no	dr	date
A	F10119	DLE	01.01.24
B	F10305	JCO	01.05.03
C	F03–0227	DLE	03.06.13
D	F04–0385	LMU	04.12.16
E	F06–0196	LMU	06.06.13
F	F08–0148	RTR	08.03.31

mat'l. code: SEE NOTES
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified
angles | linear x.x ±0.3 | x.xx ±0.13 | x.xxx ±0.05
projection
mm
scale 4:1

dr	D.LE	01.01.24
engr	JM.C	01.01.24
chr	JM.C	01.01.24
appd	JF.N	01.01.24

product family: BERGSTIK
title: UNSHR.HEADER
STR SR TMT
dwg no 54111
sheet 1 of 1
size A3
type CUSTOMER Drawing

sheet index | revision sheet

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form: A3

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