form: A3

PLATING

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

5 = 0.25μm GOLD/GXT ON CONTACT AREA
2μm MIN MATTE TIN ON TAIL
OVER 1.27μm Ni MIN

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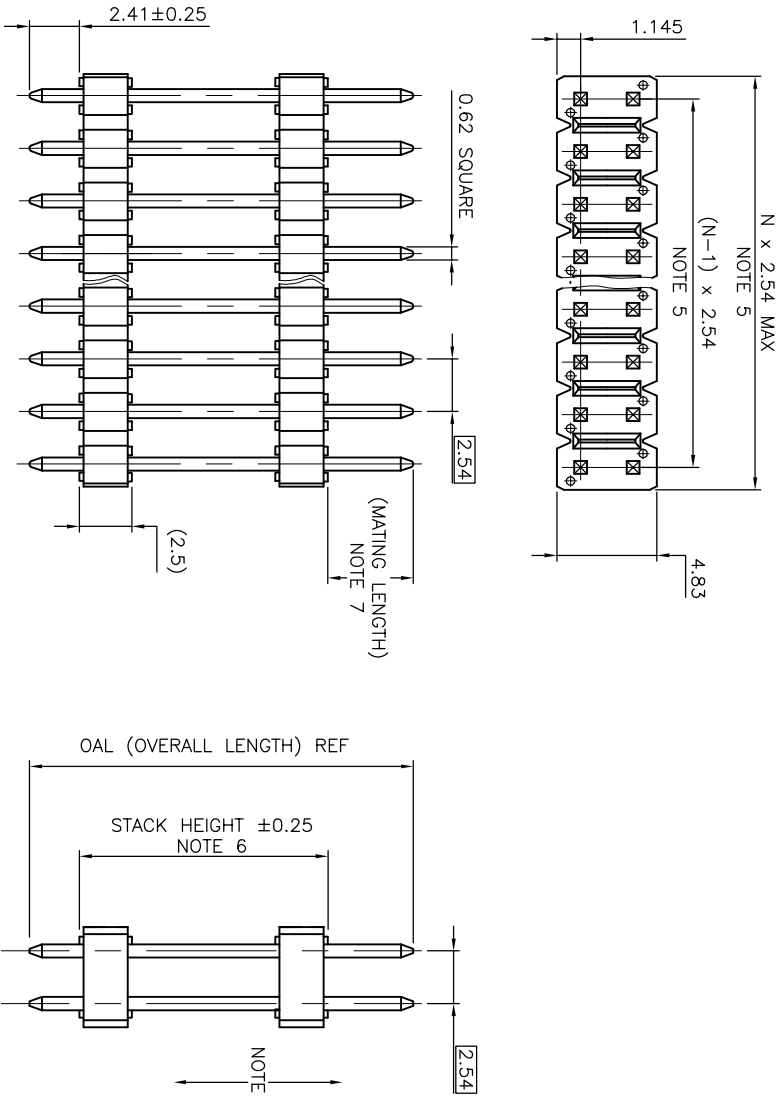2μm MIN MATTE TIN ON TAIL
OVER 1.27μm Ni MIN

RoHs COMPATIBLE PRODUCT NUMBER

54112-XXXXXXXXLF
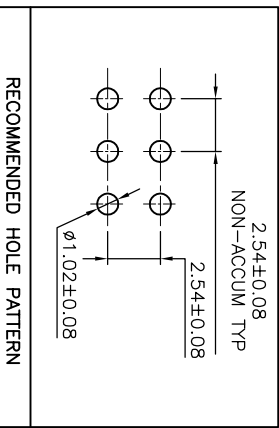
RoHS COMPATIBLE
SEE NOTE 8

TOTAL NB OF POSITIONS
04 TO 72

STACK HEIGHT, NOTE 6

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK

2. PIN MATERIAL : PHOSPHOR BRONZE

3. STANDARD PACKAGING IN POLYBAG

4. 9N MIN RETENTION IN EITHER DIRECTION

5. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, N × 2.54 = 20.32mm

6. XXXX = MILLIMETERS
SPECIFY MILLIMETERS
5.0mm MIN TO 45.0mm MAX AVAILABLE
IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: 1 2 7 5 = 12.75mm

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-47-0004.

OAL	PIN STYLE
13.5	02
15.9	03
16.56	15
16.76	04
17.65	05
18.91	06
20.50	07
20.96	28
21.25	19
23.5	08
26.04	09
26.42	14
28.00	18
28.58	10
30.48	20
31.12	11
32.15	21
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

RECOMMENDED HOLE PATTERN

2.54±0.08
NON-ACCUM TYP

2.54±0.08

ø1.02±0.08

2.41±0.25

0.62 SQUARE

2.54

(2.5)

(MATING LENGTH)
NOTE 7

1.145

N × 2.54 MAX
NOTE 5

(N−1) × 2.54
NOTE 5

NOTE 5

4.83

OAL (OVERALL LENGTH) REF

STACK HEIGHT ±0.25
NOTE 6

2.54

NOTE 4

mat'l. code	ltr	een no	dr	date
SEE NOTES	H	B-15647	LMU	13.02.14
	J	B-18962	LMU	14.09.29
	K	B-19782	AMA	14.12.16
	E	F06-0196	LMU	06.06.13
	F	F08-0148	RTR	08.03.31
	G	F09-0009	JCO	09.02.16

	dr	LMU	01.01.24
engr	JCO	01.01.24
chr	JCO	01.01.24
appd	JCO	01.01.24

surface
ISO 1302

tolerance
ISO 406 ISO 1101

tolerances unless otherwise specified

angles ±0.3

linear
x.xxx ±0.05
x.x ±0.13

projection

scale 4:1

mm

sheet
index

sheet
revision

product family
BERGSTIK

title
UNSHR.HEADER
STR DR TMT

dwg no
54112

type
CUSTOMER

sheet 1 of 1

size
A3

Drawing

LEADED PRODUCT NUMBER

54112-XXX-XX-XXXX

AS AVAILABLE