PRODUCT NUMBER

77313–YXX–XXLF

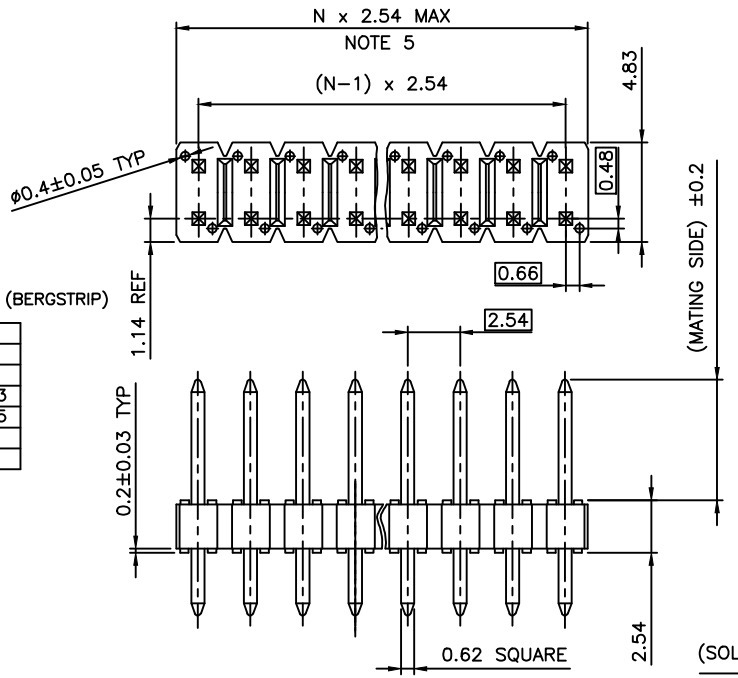
- PLATING SEE SHEET 2
- PIN STYLE SEE SHEET 2
- RoHS COMPATIBLE SEE NOTE 7
- TOTAL NB OF POSITIONS 04 TO 72
- OPTION LETTERS : NOTE 8

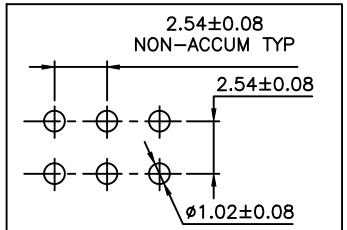
PRODUCT NUMBER (BERGSTRIP PACKAGING)

77313–YXX–00LF

- PLATING
  - 1= 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAILS
  - 8= 0.38µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAILS
  - 4= 2.0µm TIN MIN FULL PLATED
  - 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS
- INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 6
- POSITIONS PER REEL : 00=45,000 (BERGSTRIP)

PIN STYLE	MATING	SOLDER	OAL
01	5.84	2.41	10.8
02	5.84	3.42	11.8
18	5.84	3.05	11.43
22	7.75	3.05	13.35
24	6.75	2.9	12.2
27	6.6	2.66	11.8

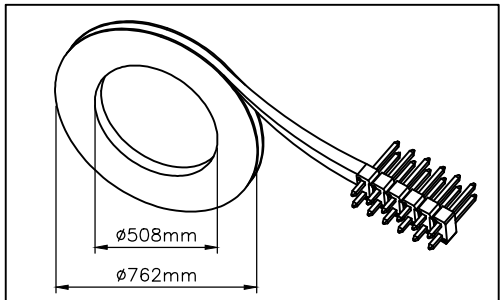




RECOMMENDED HOLE PATTERN SEE NOTE 6

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V–0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. BERGSTIK PRODUCT PACKAGED IN POLY BAGS. BERGSTRIP PRODUCT PACKAGED PER REELS.
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. FOR PIN IN PASTE SOLDERING APPLICATION : FINISHED PLATED HOLE Ø1.02–Ø1.06 LAND Ø1.45 MAX
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 ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD
   - c – LABELING:
     - MEETS PACKAGING SPECS AS PER GS–14–920
   - d – LEGAL STATEMENT: SEE GS–47–0004
8. OPTIONS : – = POLYBAG PACK
   "A" = TAPE & REEL WITH CAP
   "T" = STANDARD TUBE PACKAGING
   "V" = BLIBOX PACK FOR CUSTOMER DEDICATED PART
   "AV" = TAPE & REEL WITH CAP FOR CUSTOMER DEDICATED PART
   "KV" = TAPE & REEL WITHOUT CAP FOR CUSTOMER DEDICATED PART
   "TV" = TUBE WITHOUT CAP FOR CUSTOMER DEDICATED PART
   "R" = RETENTION FEATURE PAGE 2
   IF RENTENTION FEATURE "R" AND TUBE PACKAGING "T" ARE BOTH REQUIRED OPTIONAL LETTER "R" WILL APPEAR INSTEAD OF THE FIRST DASH
   EXAMPLE : 77313R118T40LF



BERGSTRIP HEADER REEL PACKAGING DIMENSIONS

ltr	ecn no	dr	date
BX	F–21455	AMA	15.07.20
BS	B–18917	LMU	14.09.26
BT	B–19782	AMA	14.12.18
BU	B–19886	BVE	15.01.05
BV	B–20321	AMA	15.01.26
BW	B–20596	AMA	15.03.30

sheet index	revision	BX	BJ
	sheet	1	2

dr	D.LE	01.01.24
engr	JM.C	01.01.24
chr	JM.C	01.01.24
appd	JCO	01.01.24

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
product family: BERGSTIK
title: UNSHR.HEADER STR DR TMT
dwg no 77313
sheet 1 of 2
size A3
type CUSTOMER Drawing

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form: A3

PLATING

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

4 = 2µm TIN MIN FULL PLATED

5 = 0.25µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

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

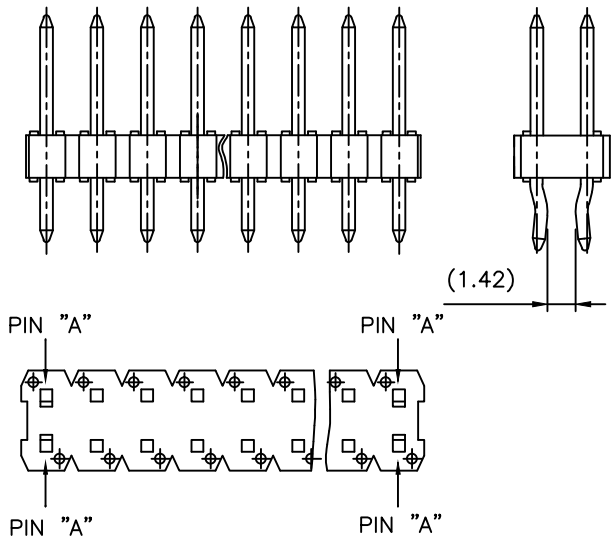
G = 0.76µm FULL GXT

S = 0.38µm FULL GXT

T = 2µm TIN MIN FULL PLATED INCLUDED PIN TYP

– 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

RETENTION OPTION



PRODUCTS SPECIFICATIONS			
PIN STYLE	MATING	SOLDER	OAL
01	5.84	2.41	10.8
02	5.84	3.42	11.8
03	5.72	5.09	13.35
04	5.72	7.64	15.90
15	8.51	2.55	13.6
18	5.84	3.05	11.43
19	12.83	3.03	18.4
20	15.37	3.04	20.95
22	7.75	3.05	13.35
24	6.75	2.9	12.2
27	6.6	2.65	11.8
29	17.46	3.50	23.5
38	5.84	3.82	12.20
46	8.08	2.98	13.6
52	9.5	3.05	15.09
57	8.46	3.05	14.05
58	14.47	3.05	20.06
83	20.46	3.0	26.0
85	10.5	2.9	15.9
87	6.98	3.05	12.57

PRODUCTS SPECIFICATIONS			
PIN STYLE	MATING	SOLDER	OAL
89	6.93	5.00	14.47
90	6.75	4.05	13.34
91	5.60	10.21	18.4
92	5.65	12.76	20.95
93	6.00	4.81	13.35
94	9.65	2.90	15.09
95	8.90	3.60	15.09
96	20.83	3.05	26.42
97	14.70	3.70	20.95
98	6.00	6.00	14.47
99	8.05	2.25	12.8
AA	11.90	3.30	17.70
AB	7.00	1.50	11.00
AC	N/A		
AD	8.51	10.59	21.64
AE	3.30	3.30	9.14
AF	N/A		
AG	4.79	3.00	10.33
AH	2.67	3.43	8.64
AJ	8.00	8.00	18.54
AK	7.00	7.00	16.54
AL	5.90	1.60	10.05
AM	12.06	2.60	17.20
AN	11.50	1.90	15.94
AP	14.00	2.20	18.70
AR	8.96	2.10	13.60

NOTES:

1. PART NUMBER 77313–YXXRXXLF
2. 4 PINS "A" USED FOR RETENTION
   DIRECTION OF RETENTION SHOWN BY ARROWS
   PIN "A" AT EACH END OF HEADER.
3. FOR RETENTION OPTION , SOLDER TAIL LENGTH TO BE
   2.9 MIN UP TO 3.5 MAX.

ltr	ecn no	dr	date
BE	B–18917	LMU	14.09.26
BF	B–19782	AMA	14.12.18
BG	B–20321	AMA	15.01.26
BH	B–20596	AMA	15.03.30
BJ	F–21455	AMA	15.07.20
BD	B–16639	JCO	14.01.03

mat'l. code

surface ISO 1302 | tolerance ISO 406 ISO 1101

tolerances unless otherwise specified: angles | linear

projection | mm | scale N/A

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

sheet index | revision sheet

product family: BERGSTIK

title: UNSHR.HEADER STR DR TMT

dwg no: 77313 | sheet 2 of – | size: A3

type: CUSTOMER | Drawing

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form: A3