

PRODUCT NUMBER
77313-YXX-XXLF

PLATING SEE SHEET 2

PIN STYLE SEE SHEET 2

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 6
TOTAL NB OF POSITIONS 01 TO 36
RETENTION OPTION "R" SEE SHEET 2

PRODUCT NUMBER (BERGSTRIK PACKAGING)
77313-YXX-00LF

PLATING

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

8= 0.38µm GOLD 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 (BERGSTRIK)

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

NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- BERGSTIK PRODUCT PACKAGED IN POLY BAGS.
BERGSTRIK PRODUCT PACKAGED PER REELS.

- 9N MIN RETENTION IN EITHER DIRECTION

- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm

- RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.

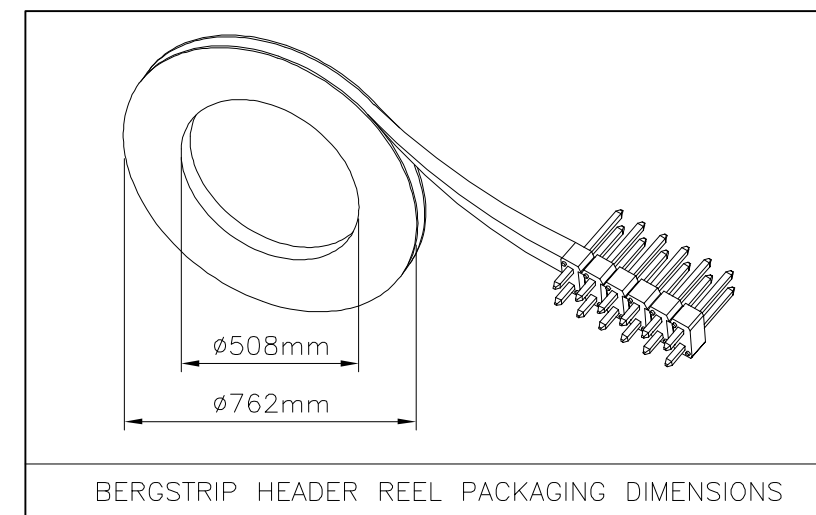
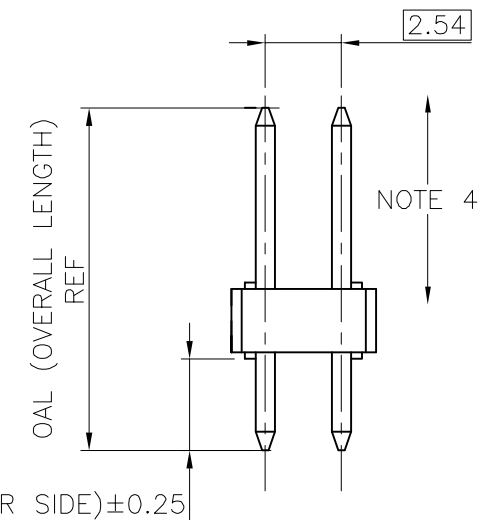
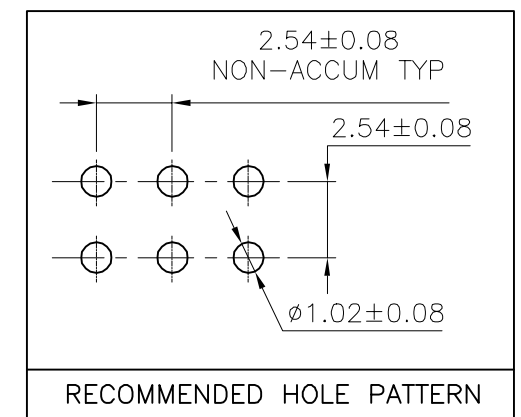
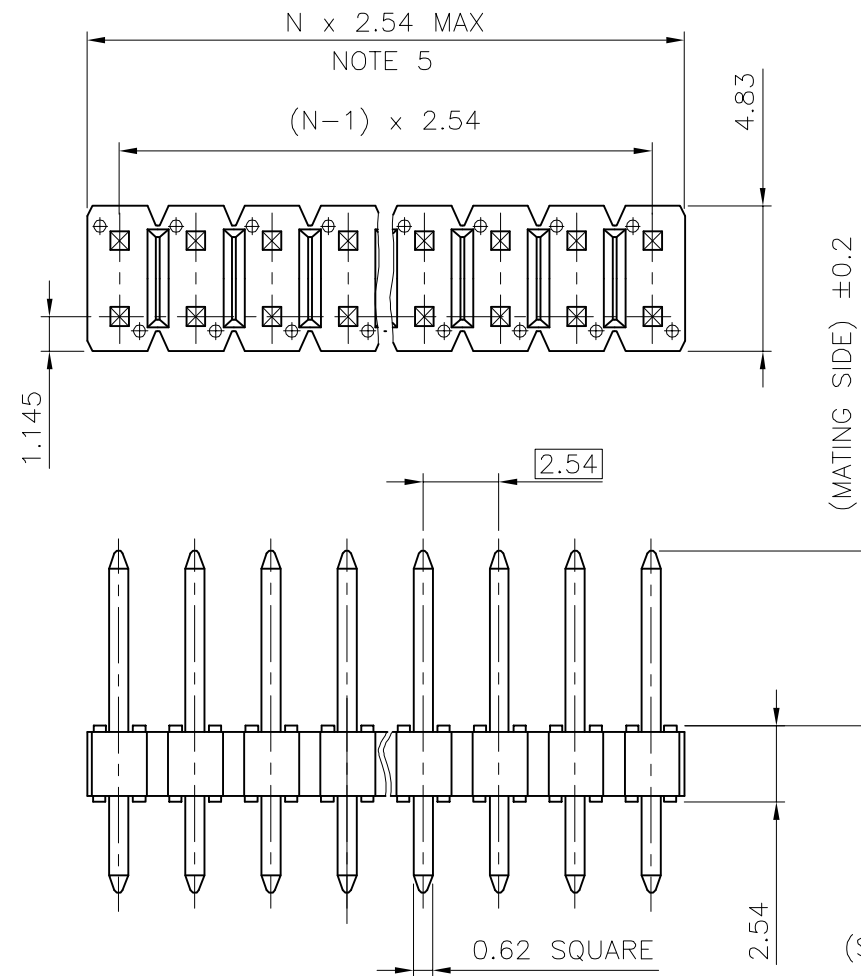
b - MANUFACTURING PROCESS COMPATIBILITY

- 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-22-008



mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless	otherwise specified	mm	title UNSHR.HEADER STR DR TMT			
AY	F07-0114	LMU	07.01.24	angles	.X ±0.3	scale 5:1	dwg no 77313 sheet 1 of 2 size A3			
BA	F07-0125	LMU	07.02.05	linear	.XX ±0.15					
BB	F07-0155	J.CO	07.03.15		.XXX ±0.05					
AV	F06-0167	LMU	06.04.19	dr	D.LE	01.01.24	type CUSTOMER Drawing			
AW	F06-0196	LMU	06.06.20	enrg	JM.C	01.01.24				
AX	F07-0110	LMU	07.01.17	chr	JM.C	01.01.24				
				appd	JF.N	01.01.24				
sheet	revision	BB	AV							
index	sheet	1	2							

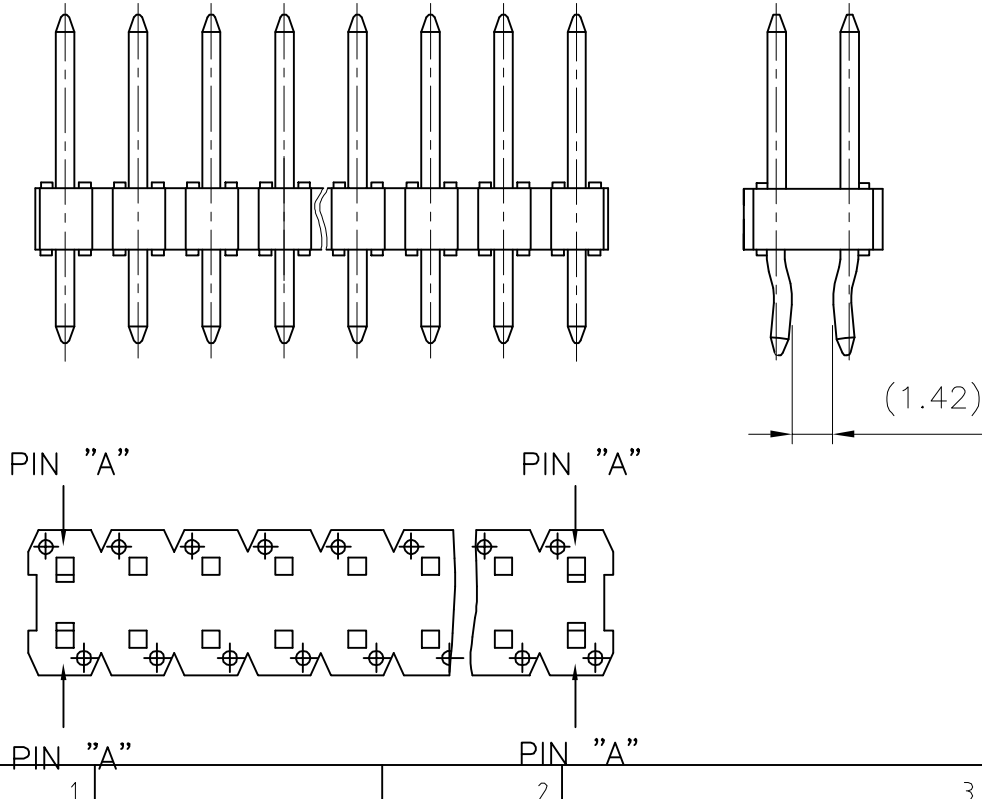
CORE RANGE				
PLATING	PIN STYLE	MATING	SOLDER	OAL
1	01	5.84	2.41	10.8
1	18	5.84	3.05	11.43
PLATING 1 = 0.76µm GOLD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL - WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER 1.27µm MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD				

CATALOGUE RANGE				
PLATING	PIN STYLE	MATING	SOLDER	OAL
4/8	01	5.84	2.41	10.8
1/4/8	02	5.84	3.42	11.8
4/8	18	5.84	3.05	11.43
1/4/8	22	7.75	3.05	13.35
1/4/8	24	6.75	2.9	12.2
1/4/8	27	6.6	2.65	11.8
PLATING 1 = 0.76µm GOLD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL 4 = 3.81µm TIN-LEAD ON CONTACT AREA AND ON TAIL 8 = 0.38µm GOLD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL - WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER 1.27µm MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD				

APPLICATION SPECIFIC				
PLATING	PIN STYLE	MATING	SOLDER	OAL
1/4/8	03	5.72	5.09	13.35
1/4/8	15	8.51	2.55	13.6
1/4/8	19	12.83	3.03	18.4
1/4/8	20	15.37	3.04	20.95
1/4/8	29	17.46	3.50	23.5
1/4/8	38	5.84	3.82	12.20
1/4/8	46	8.08	2.98	13.6
1/4/8	52	9.5	3.05	15.09
1/4/8	57	8.46	3.05	14.05
1/4/8	58	14.47	3.05	20.06
1/4/8	85	10.5	2.9	15.9
1/4/8	87	6.98	3.05	12.57
1/4/8	89	6.93	5.00	14.47
1/4/8	90	6.75	4.05	13.34
1/4/8	91	5.60	10.21	18.4
1/4/8	92	5.65	12.76	20.95
1/4/8	93	6.00	4.81	13.35
PLATING 1 = 0.76µm GOLD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL 4 = 3.81µm TIN-LEAD ON CONTACT AREA AND ON TAIL 8 = 0.38µm GOLD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL - WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER 1.27µm MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD				

- NOTES:
- PART NUMBER 77313-YXXRXX(LF)
 - 4 PINS "A" USED FOR RETENTION
DIRECTION OF RETENTION SHOWN BY ARROWS
PIN "A" AT EACH END OF HEADER.
 - FOR RETENTION OPTION , SOLDER TAIL LENGTH TO BE 2.9 MIN UP TO 3.5 MAX.

RETENTION OPTION



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless	otherwise specified	mm	title UNSHR.HEADER STR DR TMT			
AN	F04-0362	LMU	04.11.27	angles	linear	scale N/A	dwg no 77313			
AP	F05-0226	LMU	05.08.23				sheet 2 of -			
AR	F06-0167	LMU	06.04.19				size A3			
AS	F06-0196	LMU	06.06.20	dr	D.LE	01.01.24	type CUSTOMER			
AT	F07-0110	LMU	07.01.17	enrg	JM.C	01.01.24	Drawing			
AU	F07-0114	LMU	07.01.24	chr	JM.C	01.01.24				
AV	F07-0125	LMU	07.02.05	appd	JF.N	01.01.24				
sheet index	revision sheet									