

PRODUCT NUMBER
77313-YXX-XXLF

PLATING SEE SHEET 2
PIN STYLE SEE SHEET 2

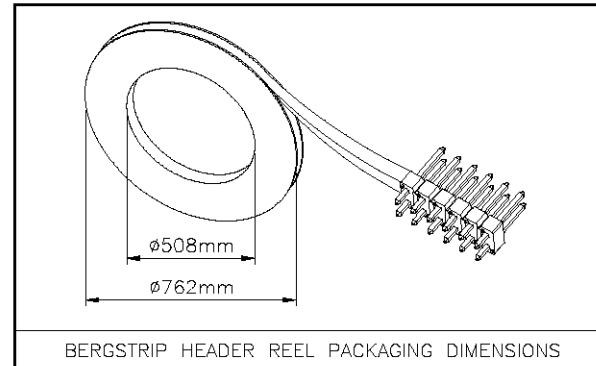
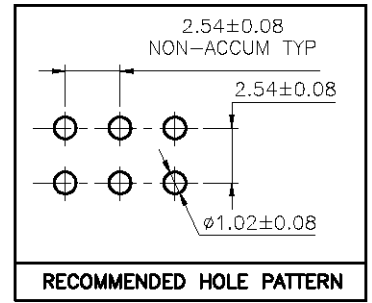
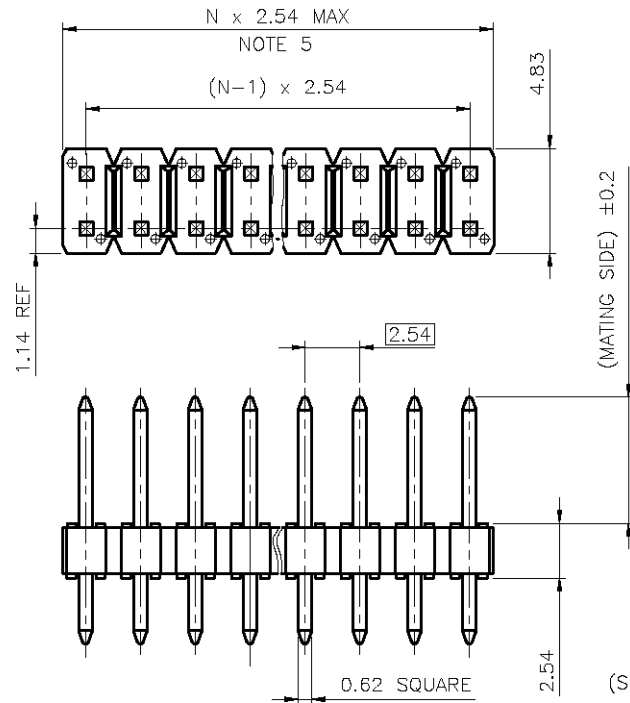
WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 6
TOTAL NB OF POSITIONS 04 TO 72
RETENTION OPTION "R" SEE SHEET 2

PRODUCT NUMBER (BERGSTRIK 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 (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
- BERGSTRIK 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 mm	product family BERGSTIK
ltr	ecr no	dr	date	tolerances unless otherwise specified	title UNSHR.HEADER STR DR TMT
AY	F07-0114	LMU	07.01.24	angles	scale 5:1
BA	F07-0125	LMU	07.02.05	linear	
BB	F07-0155	JCO	07.03.15	.x ±0.3 .xx ±0.15 .xxx ±0.05	dwg no
BC	F07-0225	LMU	07.06.25	dr	sheet 1 of 2
BD	F08-0148	RTR	08.03.31	D.LE	01.01.24
BE	F08-0205	LMU	08.07.24	enrg	JM.C
BF	F09-0081	JCO	09.08.28	chr	JM.C
				appd	JF.N
sheet	revision	BF	AX		
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/GXT 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/GXT ON CONTACT AREA
3.81µm TIN-LEAD ON TAIL

4 = 3.81µm TIN-LEAD ON CONTACT AREA AND ON TAIL

8 = 0.38µm GOLD/GXT 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
1/4/8	94	9.65	2.90	15.09

PLATING

1 = 0.76µm GOLD/GXT ON CONTACT AREA
3.81µm TIN-LEAD ON TAIL

4 = 3.81µm TIN-LEAD ON CONTACT AREA AND ON TAIL

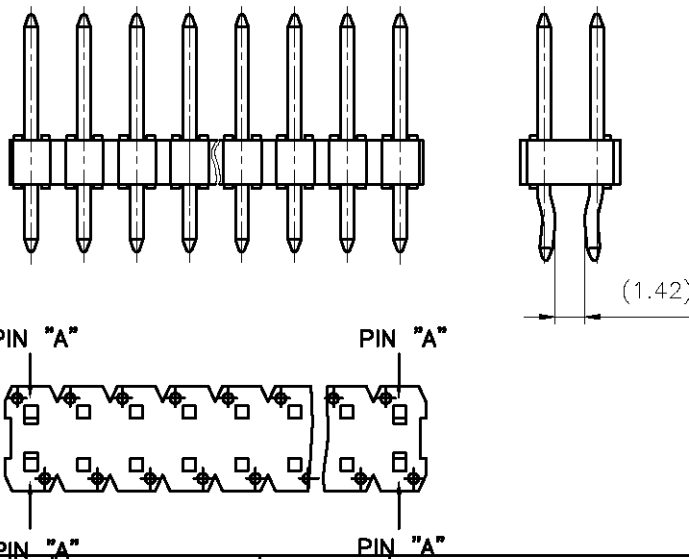
8 = 0.38µm GOLD/GXT ON CONTACT AREA
3.81µm TIN-LEAD ON TAIL

- 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		title	
AW		F08-0148		RTR		08.03.31		UNSHR.HEADER	
AX		F08-0205		LMU		08.07.24		STR DR TMT	
				angles		linear		scale N/A	
				dr		D.LE		01.01.24	
AT		F07-0110		LMU		07.01.17		enr	
AU		F07-0114		LMU		07.01.24		chr	
AV		F07-0125		LMU		07.02.05		appd	
sheet index		revision sheet							

