

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

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

INDICATES THE PRODUCT IS RoHS  
COMPATIBLE, SEE NOTE 6  
POSITIONS PER REEL : 00=45,000 (BERGSTRIK)

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

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
- FOR PIN IN PASTE SOLDERING APPLICATION :  
FINISHED PLATED HOLE Ø1.02-Ø1.06  
LAND Ø1.45 MAX
- 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  
- REFLOW COMPATIBLE

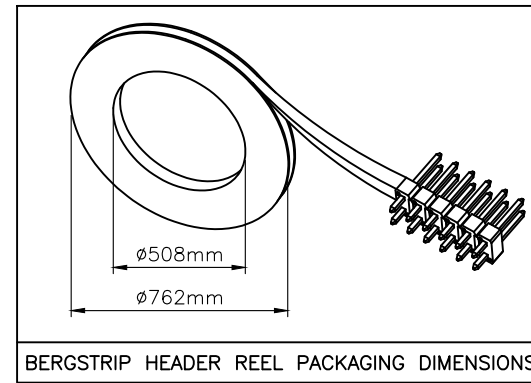
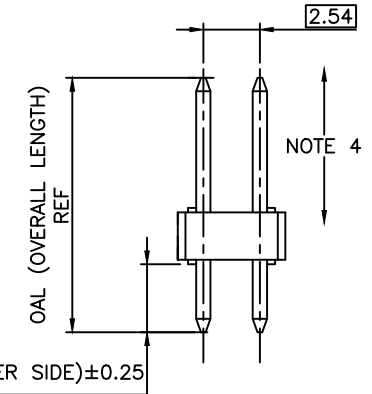
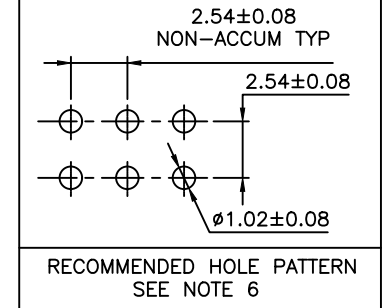
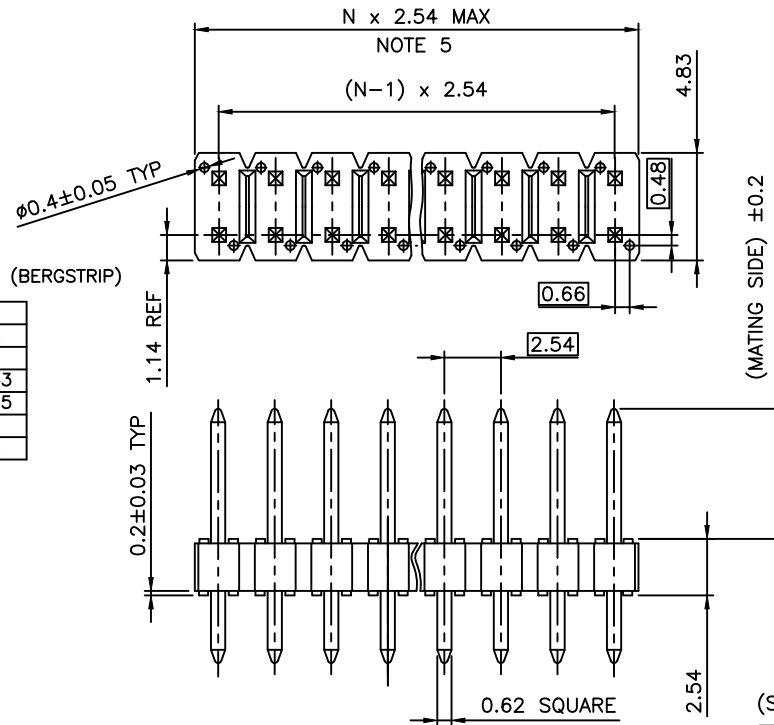
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

8. OPTIONS :

- = POLYBAG PACK
- "A" = TAPE & REEL WITH CAP, AS AVAILABLE
- "T" = STANDARD TUBE PACKAGING - ONLY AVAILABLE UPON REQUEST
- "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 RETENTION FEATURE "R" AND TUBE PACKAGING "T" ARE BOTH REQUIRED  
OPTIONAL LETTER "R" WILL APPEAR INSTEAD OF THE FIRST DASH  
EXAMPLE : 77313R118T40LF
- "KR" = T&R WITHOUT CAP WITH RETENTION FEATURE



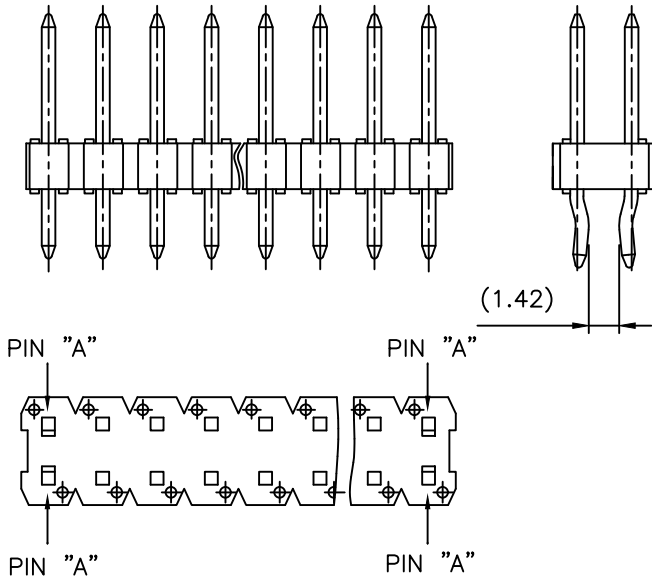
BERGSTRIK HEADER REEL PACKAGING DIMENSIONS

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	title
CG	F-33925	LMU	19.06.14	angles linear .x ±0.3	UNSHR.HEADER STR DR TMT
CH	F-40035	DDE	21.02.17	.xx ±0.15	
CJ	F-45578	DDE	22.08.05	.xxx ±0.05	scale 5:1
CK	F-47089	DDE	23.01.23	dr D.LE 01.01.24	dwg no 77313
CL	F-47115	DDE	23.01.25	engr JM.C 01.01.24	
				chr JM.C 01.01.24	sheet 1 of 3
CF	B-26200	JCA	17.02.27	appd JCO 01.01.24	size A3
sheet	revision	CL	BM	G	type CUSTOMER
index	sheet	1	2	3	Drawing

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 ONLY AVAILABLE UPON REQUEST
- 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
05	5.72	10.14	18.40
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
AS	8.08	2.72	13.37

NOTES:

- PART NUMBER 77313-YXXRXXLF
- 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.

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
ltr ecn no dr date		tolerances unless otherwise specified		angles linear		mm		title UNSHR.HEADER STR DR TMT	
BM F-47089 DDE 23.01.23						scale N/A		dwg no 77313 sheet 2 of - size A3	
BG B-20321 AMA 15.01.26								type CUSTOMER Drawing	
BH B-20596 AMA 15.03.30 dr		D.LE		01.01.24					
BJ F-21455 AMA 15.07.20 engr		JM.C		01.01.24					
BK F-22605 BVE 15.11.24 chr		JM.C		01.01.24					
BL F-45578 DDE 22.08.05 appd		JF.N		01.01.24					
sheet revision									
index sheet									

PRODUCTS SPECIFICATIONS

PIN STYLE	MATING	SOLDER	OAL
AT	5.84	7.20	15.57
AU	10.95	3.05	16.55
AV	8.08	4.32	14.96
AW	8.08	3.81	14.43
AX	6.40	3.09	12.05
AY	5.08	2.79	10.40
BA	8.97	2.79	14.05
BB	6.48	3.05	12.05
BC	11.85	4.04	18.40
BD	26.00	3.05	31.55
BE	9.08	1.90	13.52
BF	9.90	2.65	15.09
BG	9.50	3.25	15.29
BH	5.72	16.14	24.40
BJ	4.00	2.69	9.23
BK	10.50	3.20	16.24
BL	18.29	3.05	23.88
BM	10.00	2.54	14.84
BN	13.21	3.00	18.75
BP	28.00	4.00	34.50
BR	16.60	2.90	22.04
BS	6.75	6.75	16.00
BT	15.76	3.50	21.80
BU	20.76	3.50	26.80

A

B

C

D

A

B

C

D



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mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/>		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		
A	F-22605	BVE	15.11.24	angles	linear	scale N/A		dwg no 77313			sheet 3 of - size A3
B	F-23264	AMA	16.02.16					type CUSTOMER			Drawing
C	B-26200	JCA	17.02.27								
D	F-33925	LMU	19.06.14	dr	D.LE	01.01.24					
E	F-40035	DDE	21.02.17	enfr	JM.C	01.01.24					
F	F-45578	DDE	22.08.05	chr	JM.C	01.01.24					
G	F-47089	DDE	23.01.23	appd	JF.N	01.01.24					
sheet	revision										
index	sheet										