

PRODUCT NUMBER
77311-XXX-XXLF

ROHS COMPATIBLE
SEE NOTE 6
TOTAL NB OF POSITIONS 01 TO 36
OPTION LETTER SEE NOTE 7

PRODUCT NUMBER (BERGSTRIK PACKAGING)
77311-XXX-00LF

INDICATES THE PRODUCT IS ROHS
COMPATIBLE. SEE NOTE 6
POSITIONS PER REEL : 00=36,000 (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

- 1= 0.76um GOLD/GXT ON CONTACT AREA, 2um TIN MIN ON TAILS
- 8= 0.38um GOLD/GXT ON CONTACT AREA, 2um TIN MIN ON TAILS
- 4= 2.0um TIN MIN FULL PLATED
- 1.27um NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. BERGSTRIK PRODUCT PACKAGED IN POLYBAGS. BERGSTRIK 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. ROHS COMPATIBLE PRODUCT SPECIFICATIONS

- d - PLATING:**
- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um 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-14-9220
 - d - LEGAL STATEMENT:** SEE GS-47-0004

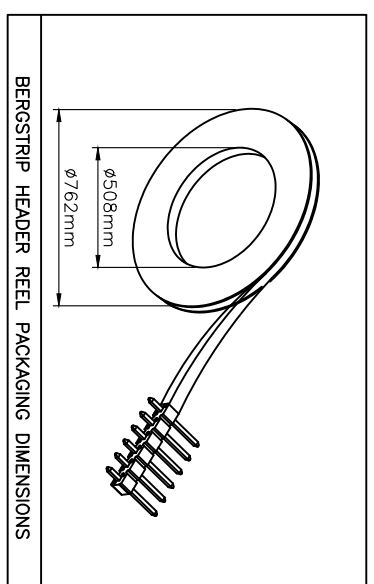
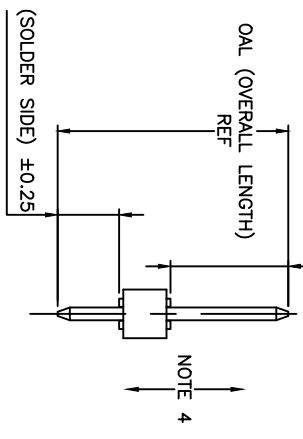
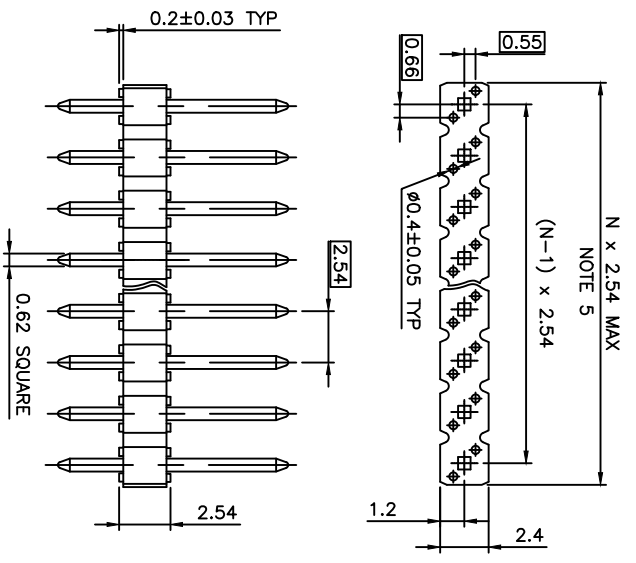
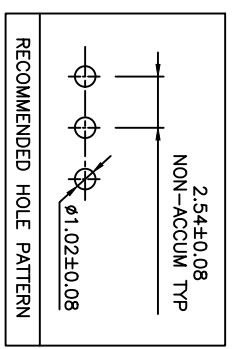
- 7. OPTIONS :**
- POLYBAG PACKAGING
 - T = TUBE PACKAGING WITHOUT PICK UP CAP
 - K = TAPE & REEL PACKAGING, WITHOUT PICK UP CAP ONLY FOR P/N 77311-462K04(LF) AND 77311-462K05(LF)
 - KC = TAPE & REEL PACKAGING WITHOUT PICK UP CAP AND WITH HIGH RETENTION FEATURES ONLY FOR P/N 77311-462KV04(LF)
 - KV = TAPE & REEL PACKAGING WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART
 - C = HIGH RETENTION FEATURES, SEE SHEET 2
 - R = RETENTION FEATURES, SEE SHEET 2
 - IF RETENTION FEATURE "R" AND TUBE PACKAGING "T" ARE BOTH REQUIRED OPTIONAL LETTER "R" WILL APPEAR INSTEAD OF THE FIRST DASH
 - EXAMPLE : 77311R424T03LF
 - V = BIBOX PACKAGING FOR CUSTOMER DEDICATED PART. ONLY FOR 77311-48NV01LF

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mat'l. code	SEE NOTES	surface	tolerance	projection	product family
ISO 1302	ISO 406 ISO 1001	tolerances unless otherwise specified	x ±0.3	mm	BERGSTIK
CR F-28445 DDE 17.11.10	D.L.E	linear	xxx ±0.05	scale 5:1	UNSHR. HEADER
CS F-29484 DDE 18.03.08	J.M.C				STR SR TMT
CT F-31328 LMU 18.09.20	J.M.C				77311
CU F-33636 LMU 19.05.22	J.M.C				CUSTOMER
CV F-35304 LMU 19.11.04	J.F.N				Drawing
sheet 1 of 3	Revision	CV	1	2	
Index	sheet		1	2	

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
05	5.72	10.14	18.4
08	5.72	17.78	26.04
11	5.72	5.94	14.20
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
25	8.51	3.18	14.22
27	6.6	2.65	11.8
26	15.57	2.84	20.95
29	17.5	3.46	23.5
32	10.3	3.05	15.9
38	5.84	3.82	12.2
39	11.2	3.05	16.8
46	8.08	2.98	13.6
54	8.08	3.81	14.43
58	14.47	3.05	20.06
62	13.5	3.05	19.09
70	6.54	3.50	12.57
83	20.46	3.00	26.00
85	5.72	8.51	16.76
87	6.98	3.05	12.57
91	5.6	10.21	18.35
92	5.65	12.76	20.95
93	6.00	4.81	13.35
94	15.60	3.20	21.25
95	10.00	8.45	20.95
96	10.95	3.05	16.55
97	9.00	3.55	15.09
98	3.00	1.35	6.84
99	24.00	3.05	29.50
AA	5.72	15.24	23.50
AB	N/A08		2.79

PRODUCTS SPECIFICATIONS

PIN STYLE	MATING	SOLDER	OAL
AC	7.21	3.05	12.80
AD	17.53	3.43	23.50
AE	4.99	2.80	10.33
AF	5.72	3.05	11.30
AG	5.84	4.95	13.33
AH	14.31	3.20	20.05
AJ	8.90	3.40	14.85
AK	25.06	3.00	30.80
AL	3.30	3.30	9.14
AM	9.26	3.05	14.85
AN	7.60	4.40	14.47
AP	7.80	3.30	13.60
AR	18.86	2.41	23.81
AS	11.91	1.45	15.90
AT	4.60	4.60	11.61
AU	12.10	3.10	17.70
AV	6.30	6.30	15.10
AW	9.16	1.80	13.50
AX	5.08	2.43	10.05
AY	7.49	3.47	13.50
BA	8.08	2.75	13.37
BB	10.80	2.15	15.50
BC	8.08	3.81	14.43
BD	10.10	2.16	14.80
BE	13.65	2.41	18.60
BF	2.54	5.32	10.40
BG	4.98	1.85	9.23
BH	4.69	2.41	9.50
BU	7.21	6.15	15.90
BK	6.86	2.65	12.05
BL	17.70	3.25	23.50
BM	10.96	3.70	16.20
BN	19.46	3.00	25.00
BP	8.80	3.20	14.50
BR	19.46	4.00	26.00
BS	5.72	11.05	19.30
BT	8.50	5.36	16.40
BU	3.80	3.80	10.14
BV	5.08	2.79	10.40

NOTE 6

NOTE 7

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406 ISO 1001		BERGSTIK
		tolerances unless otherwise specified		
ltr ecn no	dr	date	angles	linear
H F-29484	DDE	18.03.08		
J F-31328	LMU	18.09.20		
K F-35304	LMU	19.05.22		
L F-35304	LMU	19.11.04		
	engr	AMA	15.10.08	
	chr	JCO	15.10.08	
		ASO	15.10.08	
g	F-28445	DDE	17.11.10	ipppd
sheet	revision			
index	sheet			
title		product family		
UNSHR. HEADER		BERGSTIK		
STR SR TMT				
77311		CUSTOMER		
sheet 3 of 3		Drawing		
size A3				