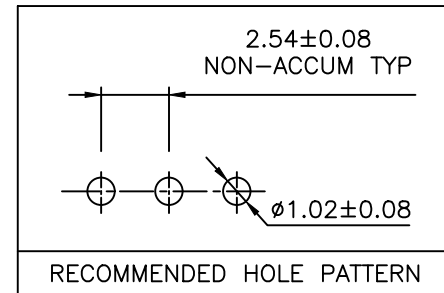
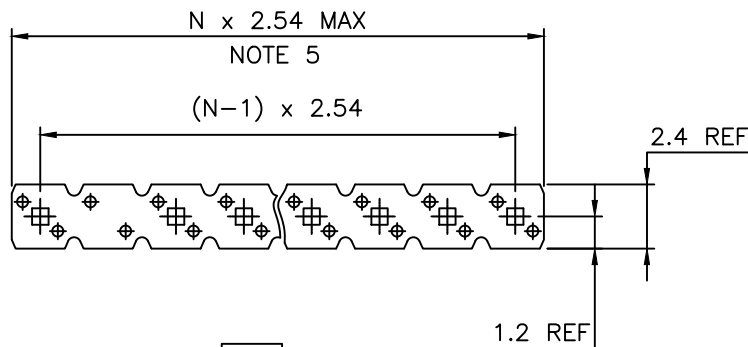


PRODUCT NUMBER

77312-YXX-LF

- RoHS COMPATIBLE  
SEE NOTE 7
- PACKAGING SEE NOTE 8
- PIN STYLE
- PLATING SEE SHEET 2



NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. PRODUCT PACKAGED IN POLY BAGS.
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. UNDERPLATING : 1.27µm Ni MIN
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

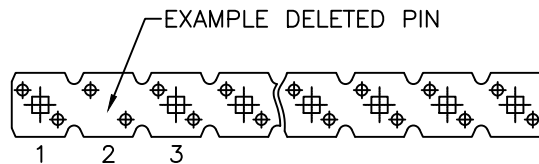
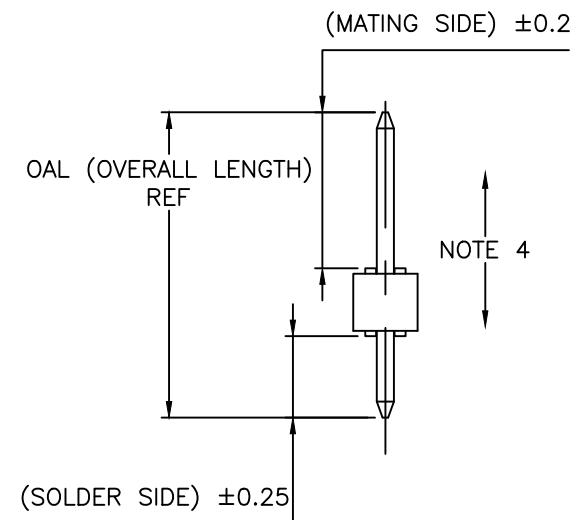
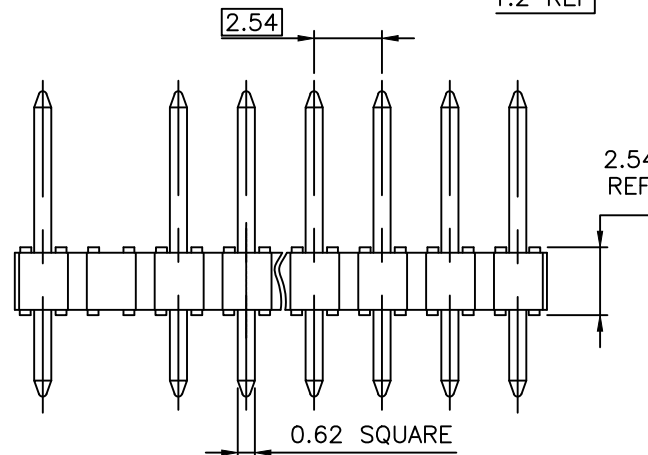
d - LEGAL STATEMENT: SEE GS-47-0004

8. PACKAGING

BLANK = POLYBAGS

KV = TAPE&REEL PACKAGING WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART. ONLY P/N 77312-496KVLf

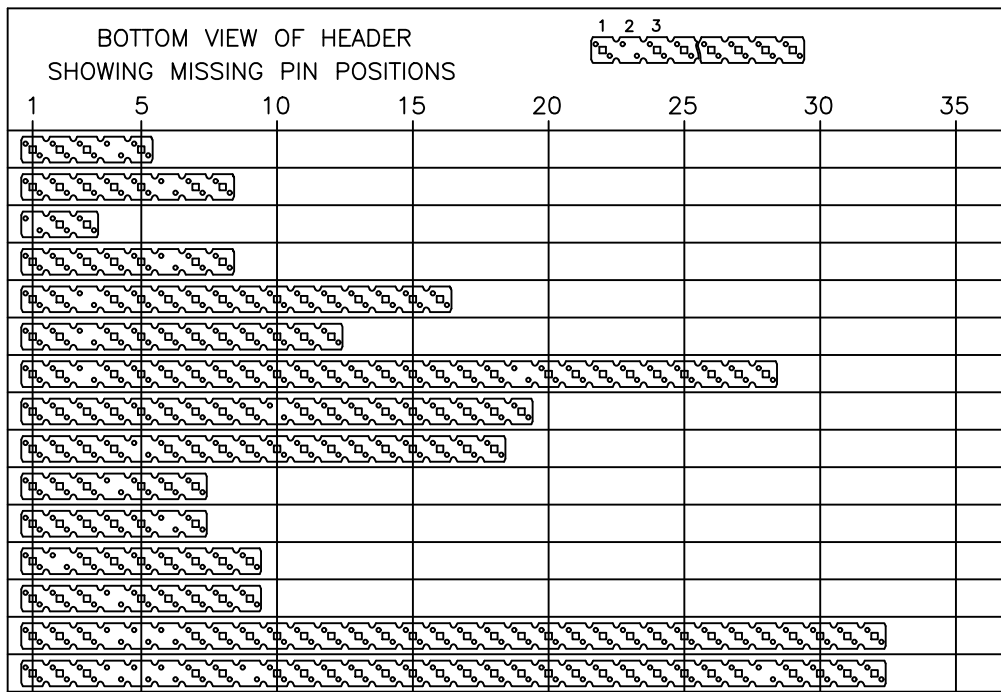
A = TAPE&REEL PACKAGING WITH PICK UP CAP AS AVAILABLE



BOTTOM VIEW

mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302 ✓		ISO 406 ISO 1101		mm		BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
AR	F-24825	AMA	16.08.26	linear		scale 5:1		HEADER SR,STR, POL,DUPLX,2.54mm	
AS	F-25332	DDE	16.11.15					dwg no	
AT	F-25396	LMU	16.11.21					sheet 1 of 5	
AU	F-28244	DDE	17.09.20	dr	COMPAGNON J	95.10.27	size		
AV	F-47087	DDE	23.01.20	engr	JMC	95.10.27	A3		
				chr			77312		
				appd	JMC	95.10.27	type		
								CUSTOMER Drawing	
sheet	revision	AV	U	N	Y	J			
index	sheet	1	2	3	4	5			

PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
01	1x5	5.84	3.42	11.8
02	1x8	5.84	3.42	11.8
03	1x3	5.84	3.42	11.8
04	1x8	5.72	2.54	10.8
05	1x16	5.72	2.54	10.8
06	1x12	5.72	2.54	10.8
07	1x28	5.84	3.42	11.8
15	1x19	5.84	3.42	11.8
16	1x18	5.84	3.42	11.8
17	1x7	5.84	3.42	11.8
18	1x7	5.84	3.42	11.8
19	1x9	5.84	3.42	11.8
20	1x9	5.84	3.42	11.8
21	1x32	5.84	3.42	11.8
22	1x32	5.84	3.42	11.8



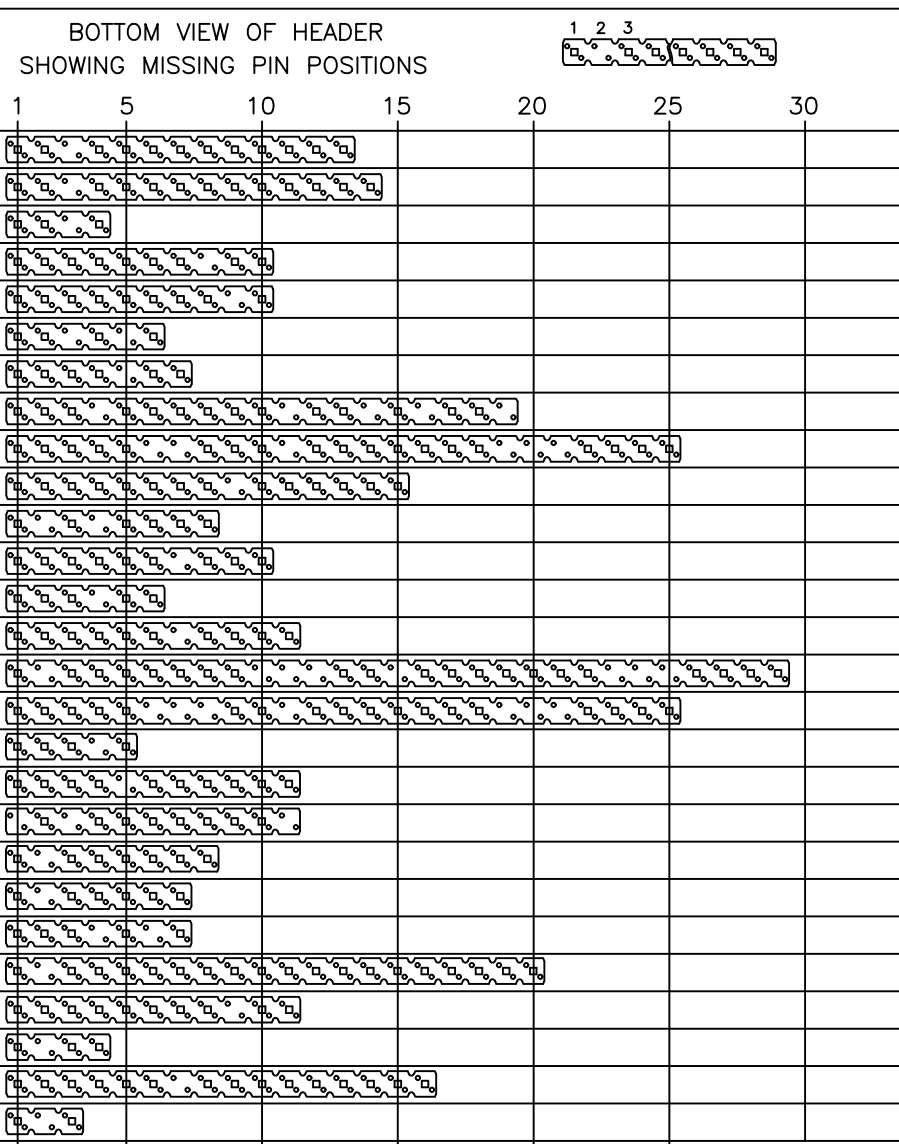
77312-GXXLF	0.76µm FULL GXT	
77312-SXXLF	0.38µm FULL GXT	
77312-8XXLF	0.38µm Au/GXT	2.0-7.5µm Sn MATTE
77312-5XXLF	0.25µm Au/GXT	2.0-7.5µm Sn MATTE
77312-4XXLF	2.0-7.5µm FULL MATTE TIN	
77312-2XXLF	1.27µm Au	2.0-7.5µm Sn MATTE
77312-1XXLF	0.76µm Au/GXT	2.0-7.5µm Sn MATTE
77312-1XXSLF	0.76µm Au/GXT	GOLD FLASH
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27µm Ni	

ONLY AVAILABLE UPON REQUEST

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 <input checked="" type="checkbox"/>		ISO 406 <input type="checkbox"/> ISO 1101 <input type="checkbox"/>				BERGSTIK	
ltr		ecn no		date		tolerances unless otherwise specified		title	
S		B-18917		LMU 14.09.26		linear		mm	
T		B-21118		LMU 15.06.10				HEADER,SR,STR, POL,DUPLX,2.54mm	
U		F-47087		DDE 23.01.20				scale 1:1	
N		F06-0196		LMU 06.06.20		dr COMPAGNON J		95.01.11	
P		F08-0148		RTR 08.03.31		engr JMC		95.10.27	
R		B-17773		LMU 14.05.26		appd JMC		95.10.27	
sheet		revision							
index		sheet							
								dwg no	
								sheet 2 of - size	
								77312 A3	
								type CUSTOMER Drawing	

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PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
23	1x13	5.84	3.42	11.8
24	1x14	5.84	3.42	11.8
25	1x4	5.84	3.42	11.8
26	1x10	5.84	3.42	11.8
27	1x10	5.84	3.42	11.8
28	1x6	5.72	2.54	10.8
29	1x7	5.84	3.42	11.8
30	1x19	5.84	3.42	11.8
31	1x25	5.84	3.42	11.8
32	1x15	5.84	3.42	11.8
33	1x8	5.84	3.42	11.8
34	1x10	5.84	3.42	11.8
35	1x6	5.84	3.42	11.8
36	1x11	5.84	3.42	11.8
37	1x29	5.84	3.42	11.8
38	1x25	5.84	3.42	11.8
39	1x5	5.72	2.54	10.8
40	1x11	5.72	3.05	11.3
41	1x11	5.72	3.05	11.3
42	1x8	7.75	3.06	13.35
43	1x7	5.84	3.42	11.8
44	1x7	5.72	2.54	10.8
45	1x20	5.72	7.64	15.9
46	1x11	5.72	3.05	11.3
48	1x4	5.72	3.05	11.3
49	1x16	5.72	7.64	15.9
50	1x3	5.72	3.05	11.3



A

B

C

D

A

B

C

D



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mat'l. code		surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		tolerance		projection		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
J	F40810	JMC	94.10.20	angles	linear	scale 1:1		HEADER,SR,STR, POL,DUPLEX,2.54mm	
K	F50801	JMC	95.10.27					dwg no	
L	F10707	LMU	01.11.28					sheet 3 of - size	
M	F06-0196	LMU	06.06.20	dr	COMPAGNON J	95.10.11			
N	F11-0034	LMU	11.03.03	enr	JMC	95.10.27			77312 A3
				chr					
				appd	JMC	95.10.27			type CUSTOMER Drawing
sheet index	revision sheet								

PRODUCT DEFINITION

BOTTOM VIEW OF HEADER  
SHOWING MISSING PIN POSITIONS



1 5 10 15 20 25 30 35

PIN STYLE	NB OF POS	PRODUCT DEFINITION		("OAL") REF	BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS									
		MATING SIDE	SOLDER SIDE		1	5	10	15	20	25	30	35		
51	1x5	5.72	3.05	11.3										
52	1x13	5.72	3.05	11.3										
53	1x35	5.72	3.05	11.3										
54	1x11	5.72	3.05	11.3										
55	1x23	12.83	3.03	18.4										
56	1x23	17.5	3.46	23.5										
57	1x5	5.84	3.42	11.8										
58	1x7	5.72	3.05	11.3										
59	1x5	5.72	3.05	11.3										
60	1x6	5.72	3.05	11.3										
61	1x8	5.72	3.05	11.3										
62	1x4	5.72	3.05	11.3										
63	1x4	15.57	2.84	20.95										
65	1x4	5.72	2.54	10.8										
66	1x8	5.72	2.54	10.8										
67	1x4	5.72	3.05	11.3										
68	1x4	5.72	3.05	11.3										
69	1x6	5.72	3.05	11.3										
70	1x3	5.72	2.54	10.8										
71	1x5	5.84	2.42	10.8										
72	1x13	5.72	2.54	10.8										
73	1x8	5.84	2.41	10.8										
74	1x16	5.84	2.41	10.8										
75	1x08	5.84	2.41	10.8										
76	1x05	2.50	1.80	6.84										
77	1x05	2.50	1.80	6.84										
78	1x03	8.13	2.33	13.00										
79	1x35	5.84	3.42	11.80										
80	1x07	2.50	1.80	6.84										
81	1x03	24.90	3.00	30.40										
82	1x05	20.65	11.00	34.15										
83	1x12	5.84	3.42	11.80										
84	1x05	8.00	2.90	13.40										
85	1x07	8.00	2.90	13.40										

mat'l. code		surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		projection	product family BERGSTIK
ltr ecn no dr date		tolerances unless otherwise specified		mm	title HEADER,SR,STR, POL,DUPLX,2.54mm
S	F10355	LMU	01.06.25	linear	scale N/A
T	F10707	LMU	01.11.28		
U	F06-0196	LMU	06.06.20	dwg no 77312 sheet 4 of size A3	
V	F11-0034	LMU	11.03.03	type CUSTOMER Drawing	
W	F11-0045	LMU	11.04.06	engr JMC 95.10.27	
X	F11-0325	LMU	11.11.17	chr	
Y	B-16703	LMU	14.01.09	appd JMC 95.10.27	
sheet index	revision sheet				



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PIN STYLE	PRODUCT DEFINITION				BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS								
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF	1	5	10	15	20	25	30	35	
86	1x15	12.56	0.8	15.90									
87	1x17	12.56	0.8	15.90									
88	1x13	5.72	3.05	11.30									
89	1x13	5.84	3.42	11.80									
90	1x08	7.50	3.42	13.46									
91	1x07	12.83	3.03	18.40									
92	1x03	3.55	3.05	9.14									
93	1x05	3.55	3.05	9.14									
94	1x17	11.60	5.05	19.15									
95	1x07	5.84	3.05	11.43									
96	1x03	11.76	3.60	17.90									
97	1x06	8.51	2.30	13.35									
98	1x19	20.76	2.70	26.00									
99	1x21	20.00	3.00	25.54									
AA	1x07	20.00	3.00	25.54									

A

A

B

B

C

C

D

D



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mat'l. code				surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		tolerance		projection		product family BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified		title		HEADER,SR,STR, POL,DUPLEX,2.54mm				
H	F-28244	DDE	17.09.20	angles linear		mm		scale N/A				
J	F-47087	DDE	23.01.20									
				dr	L.MULIN	14.05.26			dwg no		sheet 5 of	size
				enr	JMC	14.05.26			77312		A3	
F	F-25332	DDE	16.11.15	chr				type CUSTOMER Drawing				
G	F-25396	LMU	16.11.21	appr		05.26						
sheet index	revision sheet											