

PRODUCT NUMBER

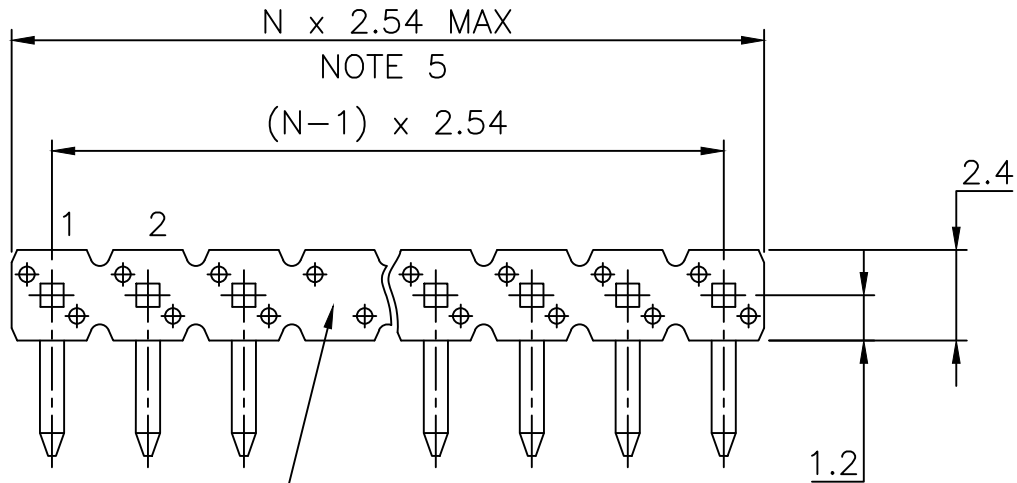
77316-YXXLF

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

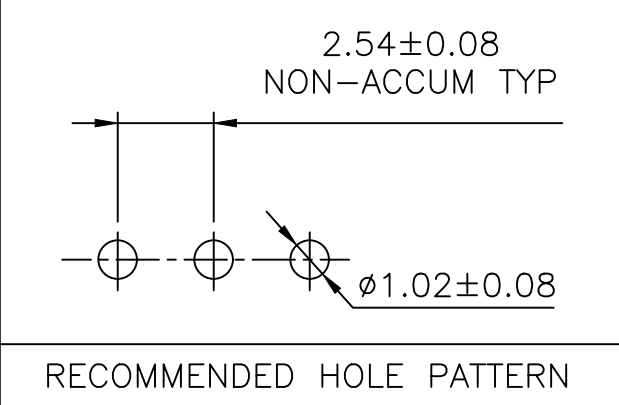
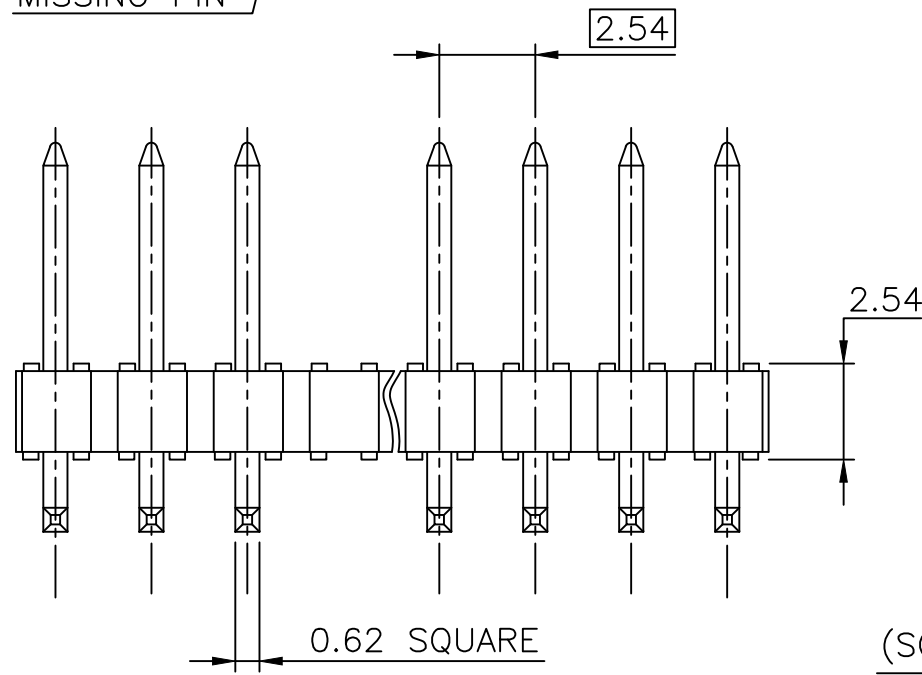
NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PRODUCT PACKAGED IN POLY BAGS.
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- UNDERPLATING : 1.27µm Ni MIN
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
 - 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.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-47-0004

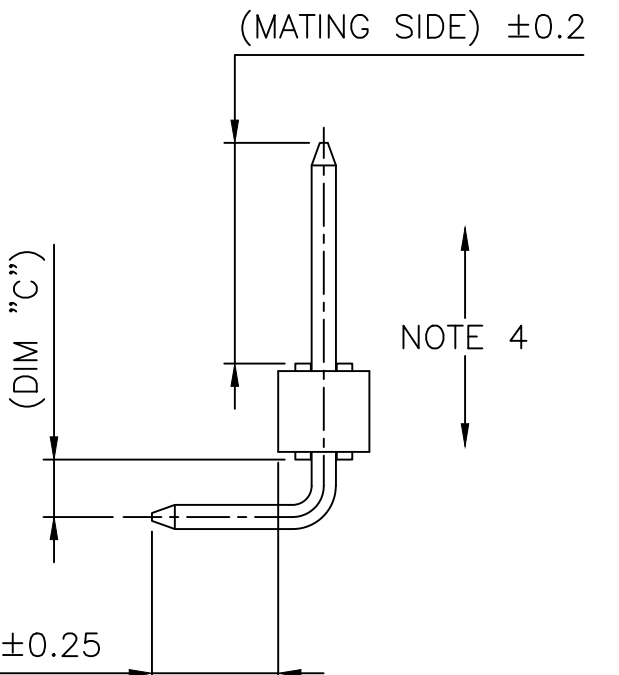
TOP VIEW



EXAMPLE OF MISSING PIN



RECOMMENDED HOLE PATTERN

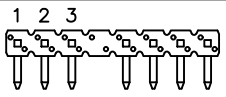
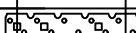
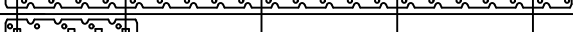
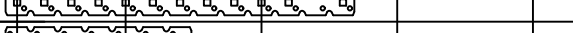
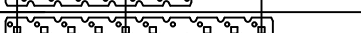
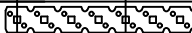
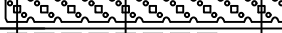
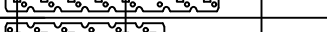
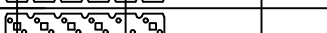
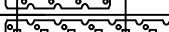
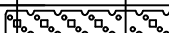
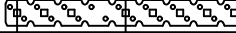
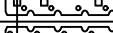
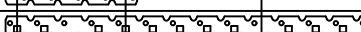
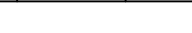
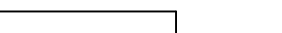
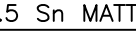


mat'l. code SEE P/N				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 5:1	title UNSHR.HEADER RA SR TMT POL			
AP	B-26203	JCA	17.02.28	angles	.X ±0.3		dwg no 77316			
AR	F-28530	LMU	17.10.24		.XX ±0.15					
AS	F-47092	DDE	23.01.23		.XXX ±0.05					
				dr	O. MATHEVON	96.04.09	sheet 1 of 4 size A3			
				engr	COMPAGNON J	96.04.09				
				chr	COMPAGNON J	96.04.09				
				appd	JMC	96.04.09				
sheet index	revision sheet	AS	W	AH	B		type CUSTOMER Drawing			
		1	2	3	4					



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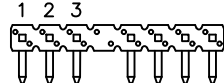
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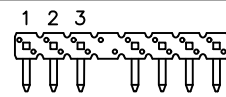
PIN STYLE	NB OF POS	PRODUCT DEFINITION			TOP VIEW OF HEADER SHOWING MISSING PIN POSITIONS									
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF	1	5	10	15	20	25	30	35		
01	1x5	5.72	2.57	1.4										
02	1x6	5.72	2.57	1.4										
03	1x6	5.72	5.11	3.94										
04	1x21	5.72	3.45	1.4										
06	1x5	5.72	2.57	1.4										
07	1x3	5.72	3.45	1.4										
08	1x21	5.72	3.45	1.4										
10	1x13	5.72	3.45	1.4										
17	1x7	5.72	3.45	1.4										
18	1x10	5.72	3.45	1.4										
20	1x12	5.84	2.29	1.4										
21	1x12	5.72	2.57	1.4										
22	1x8	5.72	3.45	1.4										
23	1x6	5.72	3.45	1.4										
26	1x6	5.72	3.45	1.4										
27	1x6	5.72	3.45	1.4										
28	1x9	5.72	3.45	1.4										
29	1x4	5.72	3.45	1.4										
30	1x13	5.72	3.45	1.4										
31	1x7	5.72	3.45	1.4										
32	1x10	5.72	3.45	1.4										
33	1x9	5.72	3.45	1.4										
34	1x5	5.72	3.45	1.4										
35	1x15	5.72	2.57	1.4										

77316-GXXLF	0.76µm GXT FULL PLATED		
77316-9XXLF	0.2µm Au / GXT	2.0-7.5 Sn MATTE	
77316-8XXLF	0.38µm Au/GXT	2.0-7.5 Sn MATTE	
77316-5XXLF	0.25µm Au/GXT	2.0-7.5 Sn MATTE	
77316-4XXLF	2.0-7.5 Sn MATTE		
77316-2XXLF	1.27µm Au	2.0-7.5 Sn MATTE	
77316-1XXLF	0.76µm Au/GXT	2.0-7.5 Sn MATTE	
PLATING CODE	CONTACT AREA		REMAINDER
	PLATING THICKNESS OVER 1.27µm Ni		

ONLY AVAILABLE
UPON REQUEST

mat'l. code				surface ISO 1302 ☒ ISO 406 ISO 1101	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title UNSHR.HEADER		
R	F06-0207	LMU	06.07.27	angles	linear		RA SR TMT POL		
S	F08-0148	RTR	08.03.31						
T	F11-0052	LMU	11.04.22			scale N/A			
U	B-18916	LMU	14.09.29	dr	O. MATHEVON	96.04.09			
V	F-24542	AMA	16.07.20	engr	COMPAGNON J	96.04.09			
W	F-47092	DDE	23.01.23	chr	COMPAGNON J	96.04.09			
				appo	JMC	96.04.09			
sheet index	revision sheet						dwg no 77316		
							sheet 2 of A3		
							type CUSTOMER Drawing		

PIN STYLE	NB OF POS	PRODUCT DEFINITION			TOP VIEW OF HEADER SHOWING MISSING PIN POSITIONS									
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF										
36	1x08	3.05	5.00	1.4										
37	1x04	6.75	2.85	1.4										
38	1x09	5.72	2.54	1.4										
39	1x09	5.72	2.54	1.4										
40	1x36	5.72	2.57	1.4										
41	1x05	5.72	3.45	1.4										
42	1x03	5.72	3.45	1.4										
43	1x12	3.10	4.00	1.4										
44	1x07	5.00	4.00	1.4										
45	1x05	14.20	3.20	1.4										
46	1x11	6.75	2.85	1.4										
47	1x18	5.72	2.57	1.4										
48	1x03	11.70	2.80	1.5										
49	1x05	10.00	3.45	1.5										
50	1x07	5.72	3.45	1.4										
51	1x13	5.84	3.05	1.4										
52	1x09	10.00	3.45	1.5										
53	1x16	2.54	4.70	1.5										
54	1x05	3.05	2.52	7.61										
55	1x16	5.84	7.37	1.52										
56	1x10	5.84	7.37	1.52										
57	1x17	2.54	4.70	1.5										
58	1x07	8.08	3.05	1.5										
59	1x05	17.00	3.00	1.52										
60	1x03	3.50	3.05	1.52										
61	1x11	3.50	3.05	1.52										
62	1x03	14.50	5.00	1.52										

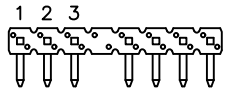


SEE NOTE 1

NOTES :
1. FOR PIN STYLE 62 ONLY, PIN MATERIAL USED IS CuFe2P

mat'l. code				surface ISO 1302 ☒ ISO 406 ISO 1101		tolerance ISO 1302 ☒ ISO 406 ISO 1101		projection 		product family BERGSTIK	
litr ecn no dr date				tolerances unless otherwise specified		angles		linear		title UNSHR.HEADER RA SR TMT POL	
AG F-25362 DDE 16.11.16										dwg no	
AH B-26203 JCA 17.02.28										sheet 3 of	
										size	
AC B-17992 LMU 14.06.18				dr		O. MATHEVON		96.04.09		A3	
AD B-19156 LMU 14.10.22				engr		COMPAGNON J		96.04.09			
AE F-24542 AMA 16.07.20				chr		COMPAGNON J		96.04.09			
AF F-25333 DDE 16.11.15				appd		JMC		96.04.09			
sheet		revision									
index		sheet									



PIN STYLE	NB OF POS	PRODUCT DEFINITION			TOP VIEW OF HEADER SHOWING MISSING PIN POSITIONS							
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF								
63	1x07	5.72	5.11	3.9	1	5	10	15	20	25	30	35
64	1x22	5.72	3.05	1.5	1	5	10	15	20	25	30	35
65	1x20	5.72	3.05	1.5	1	5	10	15	20	25	30	35
66	1x05	3.10	3.10	1.5	1	5	10	15	20	25	30	35
67	1x05	20.00	3.05	1.85	1	5	10	15	20	25	30	35
68	1x08	3.50	3.05	1.52	1	5	10	15	20	25	30	35

A

A

B

B

C

C

D

D



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mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title UNSHR.HEADER RA SR TMT POL			
A	F-28530	LMU	17.10.24	angles	linear					
B	F-47092	DDE	23.01.23			scale N/A				
				dr	L.MULIN	17.10.24				
				engr	L.MULIN	17.10.24				
				chr						
				app	A.SOUDY	17.10.24	type CUSTOMER Drawing			
sheet index	revision sheet									