

PRODUCT NUMBER

77316-YXXLF

RoHS COMPATIBLE  
SEE NOTE 7

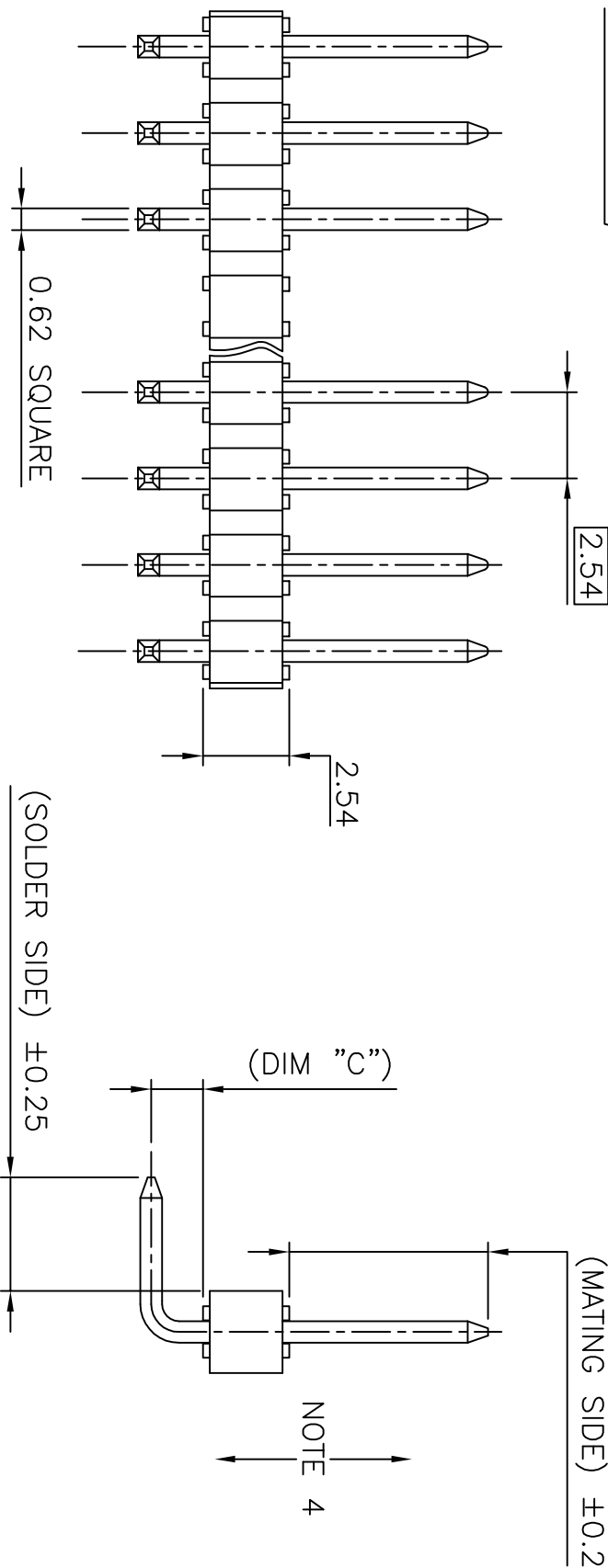
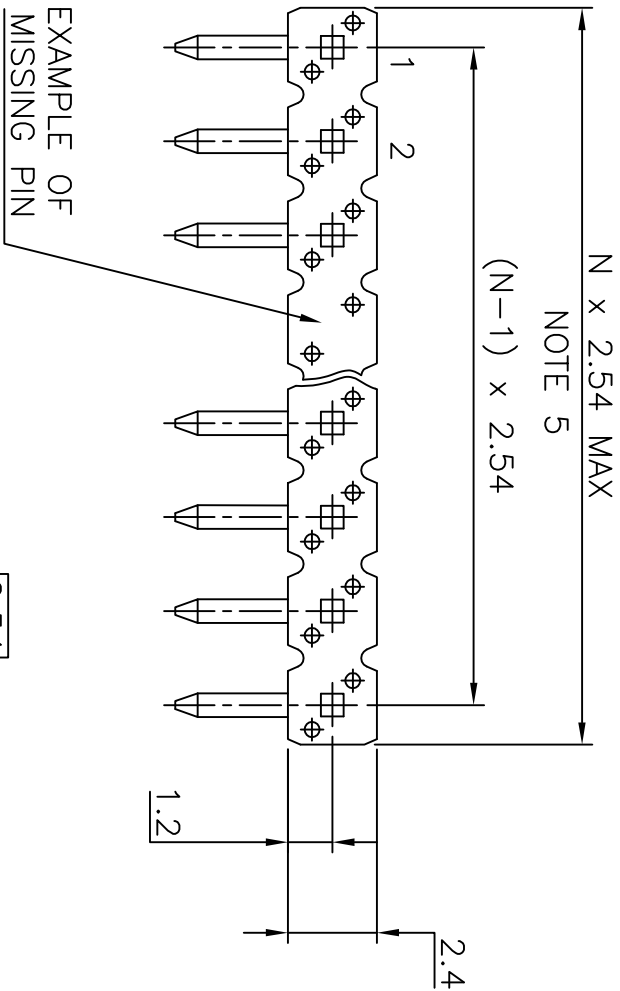
PIN STYLE SEE SHEET 2

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



2.54±0.08  
NON-ACCUM TYP

RECOMMENDED HOLE PATTERN

Ø1.02±0.08

mat'l. code				surface			tolerance			projection		product family	
SEE P/N				ISO 1302			ISO 406 ISO 1101			mm		BSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified			.X ±0.3			mm		UNSHR.HEADER	
AG	F12-0823	JFA	12.11.05	angles			.XX ±0.15			mm		RA SR TMT POL	
AH	B-17992	LMU	14.06.18	linear			.XXX ±0.05			mm			
AJ	B-18916	LMU	14.09.26										
AK	B-19156	LMU	14.10.22	dr			O. MATHEVON 96.04.09						
				eng			COMPAGNON J 96.04.09						
AE	F11-0329	LMU	11.12.02	chr			COMPAGNON J 96.04.09						
AF	F12-0001	LMU	12.08.23	dppd			JMC 96.04.09						
sheet	revision	AK	U	AD									
index	sheet	1	2	3									



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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										
01	1×5	5.72	2.57	1.4									
02	1×6	5.72	2.57	1.4									
03	1×6	5.72	5.11	3.94									
04	1×21	5.72	3.45	1.4									
06	1×5	5.72	2.57	1.4									
07	1×3	5.72	3.45	1.4									
08	1×21	5.72	3.45	1.4									
10	1×13	5.72	3.45	1.4									
17	1×7	5.72	3.45	1.4									
18	1×10	5.72	3.45	1.4									
20	1×12	5.84	2.29	1.4									
21	1×12	5.72	2.57	1.4									
22	1×8	5.72	3.45	1.4									
23	1×6	5.72	3.45	1.4									
26	1×6	5.72	3.45	1.4									
27	1×6	5.72	3.45	1.4									
28	1×9	5.72	3.45	1.4									
29	1×4	5.72	3.45	1.4									
30	1×13	5.72	3.45	1.4									
31	1×7	5.72	3.45	1.4									

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	

mat'l. code				surface		tolerance		projection		product family	
				ISO 1302		ISO 406 ISO 1101				BSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified						title	
R	F06-0207	LMU	06.07.27	angles						UNSHR.HEADER	
S	F08-0148	RTR	08.03.31	linear						RA SR TMT POL	
T	F11-0052	LMU	11.04.22							scale N/A	
U	B-18916	LMU	14.09.29	dr	O. MATHEYON	96.04.09				dwg no	
				eng	COMPAGNON J	96.04.09				sheet 2 of	
N	F04-0106	LMU	04.01.13	chr	COMPAGNON J	96.04.09				77316	
P	F04-0362	LMU	04.11.29	appd	JMC	96.04.09				CUSTOMER Drawing	
sheet	revision										size
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	1	5	10	15	20	25	30	35		
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										
36	1x8	3.05	5	1.4										
37	1x4	6.75	2.85	1.4										
38	1x9	5.72	2.54	1.4										
39	1x9	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	1.4										
44	1x7	5.00	4	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	1x7	8.08	3.05	1.5										

mat'l. code										surface		tolerance		projection		product family	
										ISO 1302		✓ ISO 406 ISO 1001		BSTIK			
lthr ecn no										date		angles		mm		title	
Y F11-0326 LMU										11.12.02		linear		scale N/A		UNSHR.HEADER	
AA F12-0001 LMU										12.08.23						RA SR TMT POL	
AB F12-0823 JFA										12.11.05							
AC B-17392 LMU										14.06.18		O. MATHEON		96.04.09			
AD B-19156 LMU										14.10.22		ENGCOMPAGNON J		96.04.09			
X F11-0063 LMU										11.09.13		dppd JMC		96.04.09			
sheet revision																type	
index sheet																CUSTOMER Drawing	
																sheet 3 of	
																77316	
																size	
																A3	