

PRODUCT NUMBER

77316-YXXLF

RoHS COMPATIBLE
SEE NOTE 7

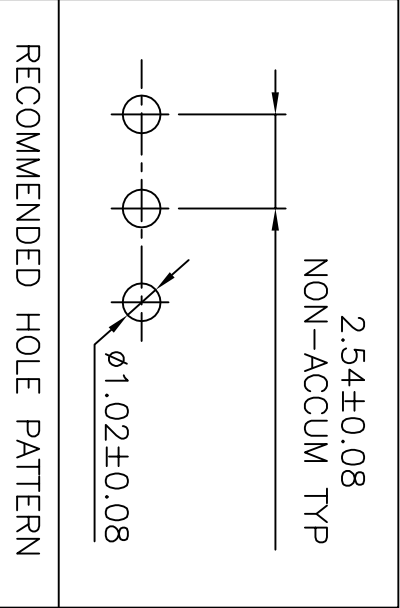
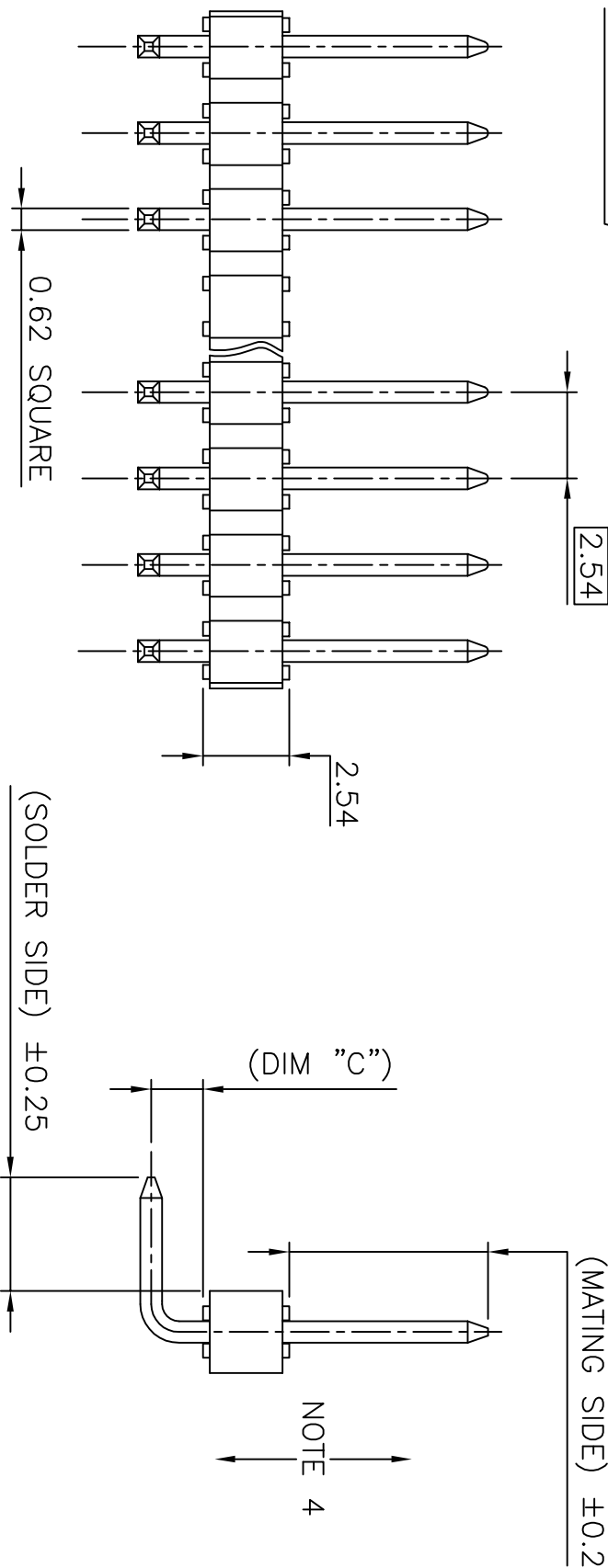
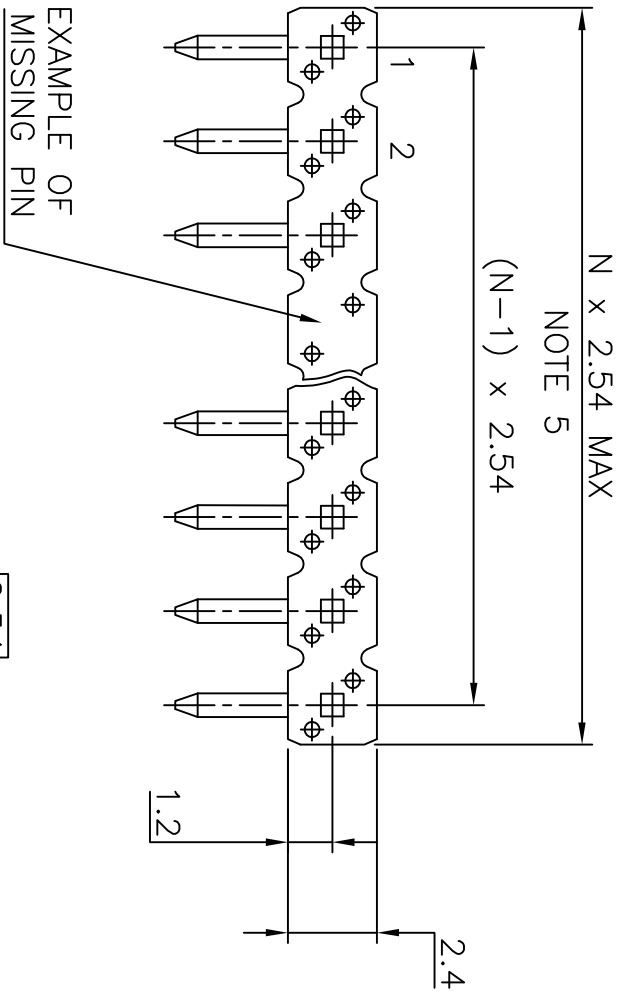
PIN STYLE SEE SHEET 2

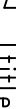
PLATING SEE SHEET 2

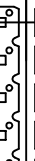
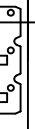
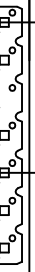
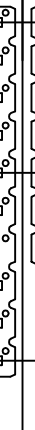
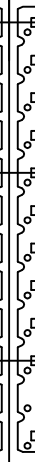
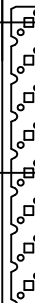
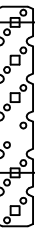
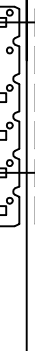
NOTES:

- 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



mat'l. code				surface		tolerance		projection		product family	
SEE P/N				ISO 1302	✓	ISO 406	ISO 1101			BSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified			mm			title	
AG	F12-0823	JFA	12.11.05	angles linear			.X ±0.3 .XX ±0.15 .XXX ±0.05			UNSHR.HEADER RA SR TMT POL	
AH	B-17992	LMU	14.06.18								
AJ	B-18916	LMU	14.09.26								
AK	B-19156	LMU	14.10.22	dr	O. MATHEVON	96.04.09				dwg no	
AE	F11-0329	LMU	11.12.02	chr	COMPAGNON J	96.04.09				sheet 1 of 3	
AF	F12-0001	LMU	12.08.23	appd	JMC	96.04.09				size A3	
sheet		revision	AK	U	AD				type CUSTOMER Drawing		
index		sheet	1	2	3						

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	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		mm		title		
R	F06–0207	LMU		06.07.27	angles		linear		UNSHR.HEADER		
S	F08–0148	RTR		08.03.31					RA SR TMT POL		
T	F11–0052	LMU		11.04.22					scale N/A		
U	B–18916	LMU		14.09.29	dr	O. MATHEYON			dwg no		
					eng	COMPAGNON J			sheet 2 of		
N	F04–0106	LMU		04.01.13	chr	COMPAGNON J			77316		
P	F04–0362	LMU		04.11.29	appd	JMC			A3		
sheet	revision								CUSTOMER Drawing		
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 ISO 1302 ✓ tolerance ISO 406 ISO 1001			projection 	
lthr ecn no		dfr	date		tolerances unless otherwise specified				mm	
Y F11-0328 LMU			11.12.02		angles				scale N/A	
AA F12-0001 LMU			12.08.23		linear				drawing no	
AB F12-0823 JFA			12.11.05						sheet 3 of	
AC B-17392 LMU			14.06.18		dfr		O. MATHEON		size	
AD B-19156 LMU			14.10.22		eng/COMPAGNON J		96.04.09		A3	
X F11-0083 LMU			11.09.13		dppd		JMC		Type	
sheet revision									CUSTOMER Drawing	
index sheet										