

PRODUCT NUMBER
76745-YXX-XXLF

- WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 6

- TOTAL NB OF POS (04 TO 72 POS)

- OPTION LETTER, SEE NOTE 6

- PIN STYLE

PLATING

1 = 0.76μm GOLD/GXT,
OVER 1.27μm Ni MIN

8 = 0.38μm GOLD/GXT
OVER 1.27μm Ni MIN

3 = 3.81μm TIN/LEAD
OVER 1.27μm Ni MIN

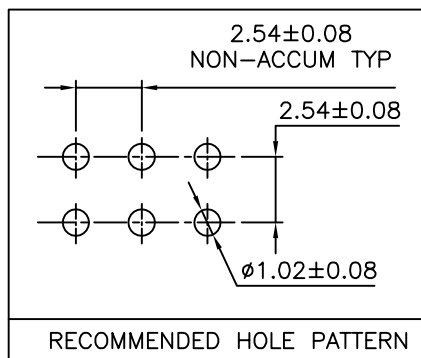
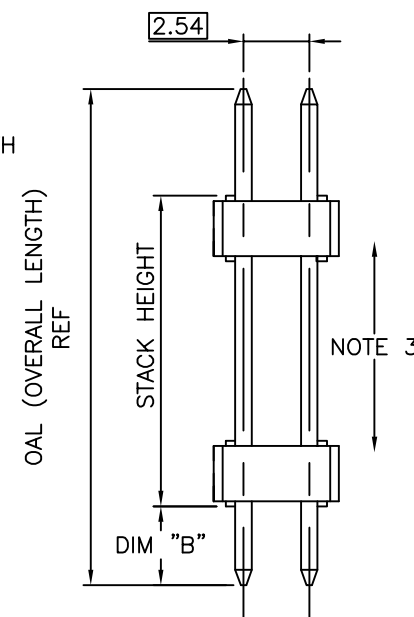
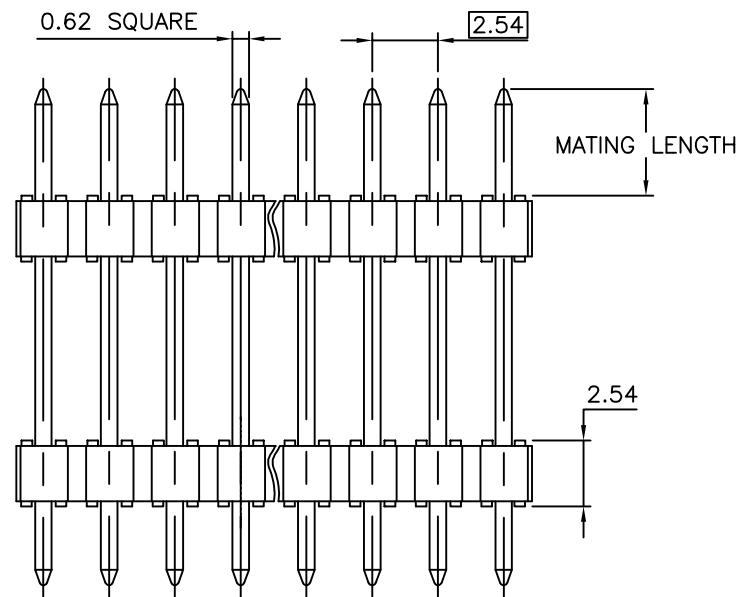
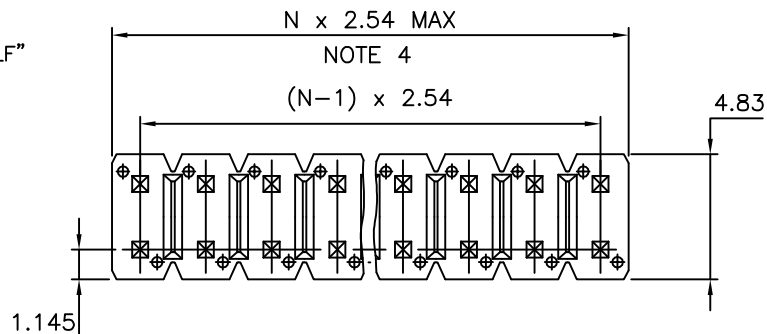
- WHEN "LF" IS REQUIRED, 2μm MATTE TIN OVER 1.27μm MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK.
2. PIN MATERIAL : PHOSPHOR BRONZE.
3. 12N MIN RETENTION IN EITHER DIRECTION.
4. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
5. FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS
SEE DRAWINGS 54112 & 54122.
6. OPTION LETTER :
 - = STANDARD POLYBAGS PACKAGING
 - V = POLYBAGS PACKAGING FOR VALEO

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 WITH A 1.6mm MIN THICK CIRCUIT BOARD.
- c – LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
- d – LEGAL STATEMENT: SEE GS-22-008



mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
EX	F11-0045	LMU	11.04.05	angles	linear	X.X ±0.3			HEADER STR,DR DOUBLE BODY				
EY	F12-0023	LMU	12.06.06			X.XX ±0.13							
						X.XXX ±0.05							
						scale 5:1			dwg no		sheet 1 of 4	size	
				dr	NIZZI P		94.05.05		76745		A3		
				engr	COMPAGNON J		95.12.05						
EV	F10-0221	LMU	10.09.08	chr					type		CUSTOMER	Drawing	
EW	F10-0259	LMU	10.12.19	appd	JMC	95.12.05							
sheet index	revision sheet	EY	BW	D	A								
		1	2	3	4								



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APPLICATION SPECIFIC

PIN STYLE	MATING LENGTH ±0.2	STACK HEIGHT ±0.25	"B" ±0.25	("OAL") REF
01	8.71	19.76	2.65	31.12
02	6.87	16.5	3.05	26.42
03	6.87	13.0	3.63	23.5
04	5.6	6.5	2.88	14.98
05	5.51	8.0	3.05	16.56
06	6.61	11.3	3.05	20.96
07	5.58	10.3	2.54	18.42
08	5.81	7.7	3.05	16.56
09	5.72	5.08	2.54	13.34
10	6.9	10.45	2.71	20.06
11	11.2	9.5	2.8	23.5
12	3.11	8.0	3.11	14.22
13	9.07	6.3	3.05	18.42
14	5.33	21.5	2.48	29.31
15	13.26	10.11	3.05	26.42
17	7.5	23.45	3.05	34.0
18	7.5	18.85	2.96	29.31
19	9.5	10.45	3.55	23.5
21	11.96	18.5	3.2	33.66
23	9.0	25.9	3.05	37.95
24	8.87	14.5	3.05	26.42
25	9.84	11.43	9.85	31.12
26	7.5	8.38	2.54	18.42
28	6.6	8.25	2.8	17.65
29	9.1	15.7	3.2	28.0
30	8.0	14.35	2.55	24.9
31	8.0	22.8	3.2	34.0
34	8.0	12.0	3.0	23.0
35	7.41	7.7	2.54	17.65
36	10.55	7.5	10.53	28.58
37	5.72	20.44	7.5	33.66
40	7.0	6.5	3.06	16.56
41	7.72	9.0	3.05	19.77
47	5.59	13.0	3.05	21.64
48	8.54	16.5	2.96	28.0
51	5.6	10.0	2.99	18.59
52	9.0	7.96	4.0	20.96
53	5.69	9.0	3.9	18.59
54	9.91	13.08	3.05	26.04
55	13.0	20.0	3.2	36.2
57	11.78	5.08	3.23	20.06

APPLICATION SPECIFIC

PIN STYLE	MATING LENGTH ±0.2	STACK HEIGHT ±0.25	"B" ±0.25	("OAL") REF
58	23.0	8.5	5.5	36.97
59	9.0	18.2	9.0	36.2
62	9.2	9.3	3.5	22.0
68	6.75	8.0	2.9	17.65
70	6.95	16.44	2.7	26.04
71	6.8	5.2	2.69	14.69
72	6.9	11.0	2.75	20.65
73	11.1	6.35	3.2	20.65
74	14.3	11.0	3.11	28.41
75	6.9	24.0	3.1	34.0
79	9.95	39.0	3.05	52.0
80	5.68	7.0	2.3	15.0
83	13.2	8.0	3.7	24.9
85	9.25	11.2	3.05	23.5
88	10.8	8.0	3.7	22.5
97	10.3	34.0	5.7	50.0
AM	8.46	5.08	8.46	22.0
AN	10.0	29.0	3.0	42.0
AT	8.0	13.3	2.2	23.5
BA	10.5	9.0	10.5	29.98
BB	8.5	11.5	5.4	25.4
BD	11.7	13.5	3.21	28.41
BE	9.2	6.5	9.2	24.9
BM	11.5	11.5	3.04	26.04
BR	7.8	32.3	4.35	44.45
BT	8.5	35.0	8.5	52.0
BV	14.8	18.9	3.27	36.97
BW	7.7	29.0	3.3	40.0
BX	13.8	5.1	8.9	27.8
CB	9.0	30.0	3.0	42.0
CD	9.24	12.0	9.24	30.48
CE	3.10	11.45	3.10	17.65
CF	8.25	16.0	8.25	32.5

APPLICATION SPECIFIC

PIN STYLE	MATING LENGTH ±0.2	STACK HEIGHT ±0.25	"B" ±0.25	("OAL") REF
CG	6.0	40.0	6.0	52.0
CH	11.02	12.0	3.02	26.04
CK	8.55	26.0	3.4	37.95
CN	7.08	5.60	7.08	19.77
CP	9.50	7.00	2.41	18.91
CR	7.47	24.40	5.10	36.97
CS	8.30	5.50	5.97	19.77
CT	11.0	6.0	11.0	28.0
CU	9.75	13.0	9.75	32.5
CV	9.44	13.00	3.60	26.04
CW	5.00	36.00	5.00	46.00
CX	10.00	26.00	6.00	42.00
CY	10.9	18.20	10.9	40.00
CZ	5.5	23.00	5.50	34.00
DA	13.00	14.50	6.50	34.00
DB	12.75	8.50	12.75	34.00
DC	SEE SHEET 3			
DE	6.00	34.00	6.00	46.00
DF	9.12	7.80	9.12	26.04
DG	3.50	43.00	3.50	50.00
DH	6.50	8.00	6.50	21.00
DJ	5.80	17.75	5.80	29.31
DK	5.40	9.00	2.90	17.30
DL	9.00	8.50	6.00	23.50
DM	7.40	23.70	3.30	34.40
DN	7.40	12.10	3.30	22.80
DP	8.00	16.80	5.40	30.20
DR	6.40	15.00	6.40	27.80
DS	7.00	29.00	7.00	43.00
DT	9.80	27.40	9.80	47.00
DU	9.50	36.50	9.50	55.50
DV	9.30	6.30	5.80	22.00
DW	5.30	40.40	3.30	49.00

mat'l. code		surface ☒ ISO 1302		tolerance ☒ ISO 406 ☐ ISO 1101		projection		product family BSTIK	
ltr		ecn no		dr		date		title	
BT		F08-0236		LMU		09.11.13		HEADER STR,DR	
BU		F10-0221		LMU		10.08.30		DOUBLE BODY	
BV		F10-0259		LMU		10.12.19		scale	
BW		F11-0045		LMU		11.04.04		dr COMPAGNON J 94.05.05	
				enr		JMC		95.08.28	
BR		F06-0196		LMU		06.06.20		chr	
BS		F07-0180		LMU		07.04.24		appd JMC 95.08.28	
sheet		revision						FCI	
index		sheet						dwg no 76745 sheet 2 of - size A3	
								type CUSTOMER Drawing	

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APPLICATION SPECIFIC

PIN STYLE	MATING LENGTH ±0.2	STACK HEIGHT ±0.25	"B" ±0.25	("OAL") REF
DX	6.50	12.50	6.50	25.50
DY	6.50	9.50	6.50	22.50
EA	6.65	32.30	3.05	42.00
EB	2.66	15.00	5.84	23.50
EC	10.00	39.60	2.40	52.00
ED	5.40	57.20	2.40	65.00

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mat'l. code				surface ISO 1302 ☒			tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified							title			
A	F06-110	LMU	06.01.26	angles	linear						HEADER STR,DR			
B	F06-0196	LMU	06.06.20								DOUBLE BODY			
C	F07-0266	J.CO	07.10.15						scale					
D	F12-0023	LMU	12.06.06	dr	L.MULIN		06.01.31				dwg no			
				enrg	J.COMPAGNON		06.01.31				sheet 3 of -			
				chr							size			
				appd	JMC		06.01.31				A3			
sheet index		revision sheet									type CUSTOMER Drawing			

form: A3

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PDM: Rev:EY

STATUS:Released

Printed: Jun 07, 2012

SPECIFIC PRODUCT NUMBER

76745-3DCA04LF

RoHs COMPLIANT

TOTAL NB OF POS

PACKAGING TYPE, SEE NOTE 1

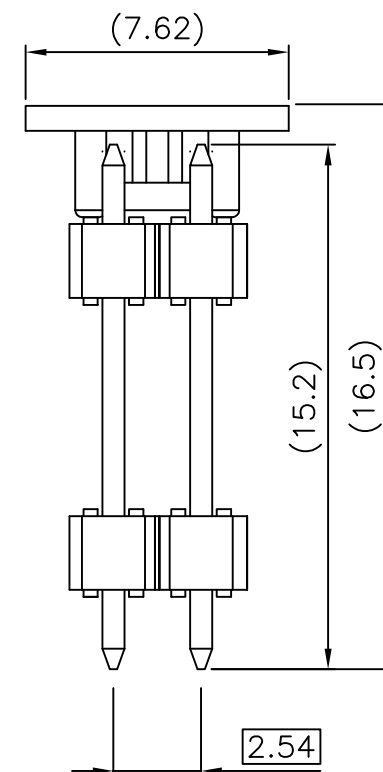
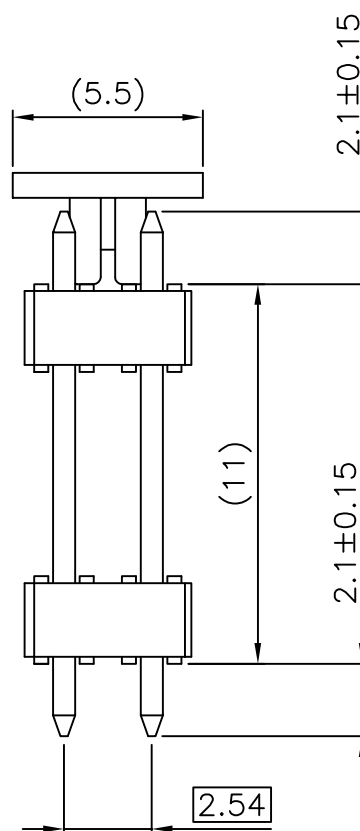
PIN STYLE

PLATING

3 = 2µm MATTE TIN
OVER 1.27µm Ni MIN

NOTES :

1. PACKAGING : A = TAPE & REEL PACKAGING
WITH PICK UP CAP INSTALLED
SEE TA 840
2. PRODUCT COMPATIBLE WITH REFLOW PROCESS.
255°C PEAK TEMPERATURE 10-40 SECONDES IN
A CONVECTION, INFRA-RED OR VAPOR PHASE



mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK							
ltr	ecn no	dr	date	tolerances unless otherwise specified						title							
A	F12-0023	LMU	12.06.06	angles		linear		 mm		HEADER STR,DR DOUBLE BODY							
								scale									
				dr		L.MULIN		12.03.06				dwg no		sheet 4 of -		size	
				eng		MPAGNON		12.03.06				76745		A3			
				chr													
				appd		JMC		12.03.06				type		CUSTOMER		Drawing	
sheet index		revision sheet															

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