

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
5 / 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:

- HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK.
- PIN MATERIAL : PHOSPHOR BRONZE.
- 12N MIN RETENTION IN EITHER DIRECTION.
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
- FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS
SEE DRAWINGS 54111 & 54121.
- OPTION LETTER :
 - = STANDARD POLYBAGS PACKAGING
 - V = POLYBAGS PACKAGING FOR VALEO
 - B = TUBE WITH PICK UP CAP AS AVAILABLE

7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.

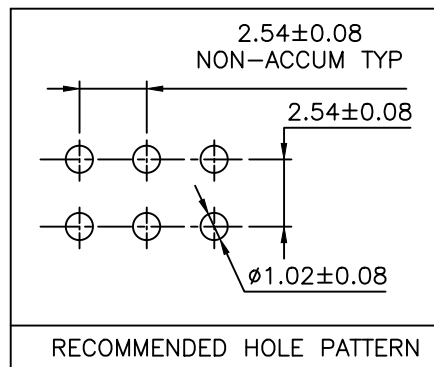
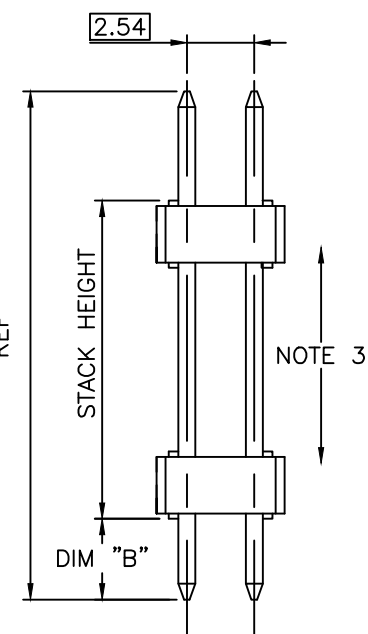
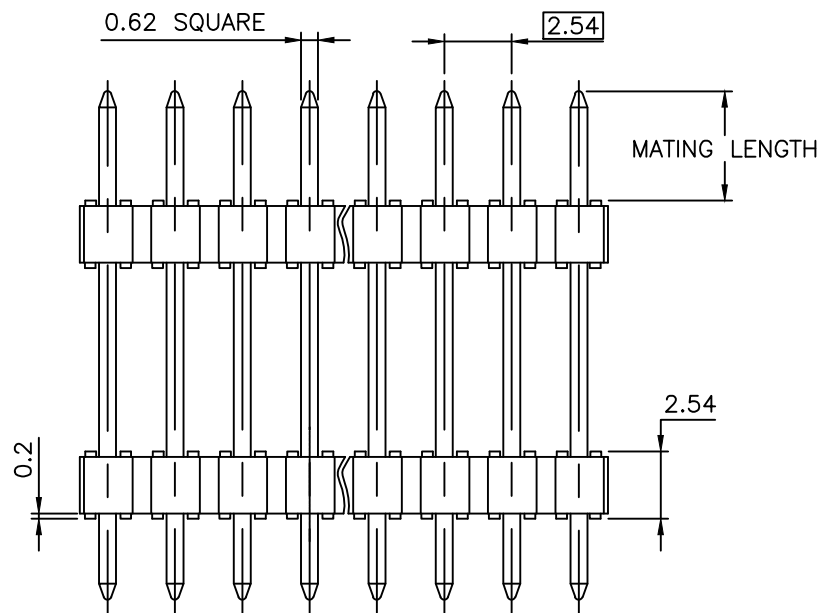
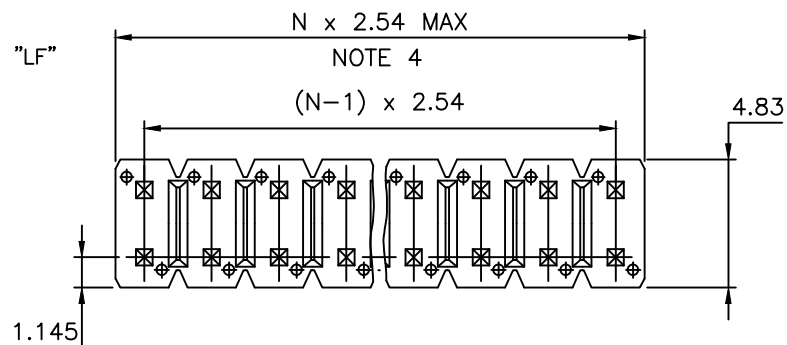
b - MANUFACTURING PROCESS COMPATIBILITY

- 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-47-0004



mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified	mm	title
EX	F11-0045	LMU		11.04.05	linear	mm	HEADER STR,DR
EY	F12-0023	LMU		12.06.06	linear	mm	DOUBLE BODY
FA	F12-0090	JFA		12.12.07	linear	mm	dwg no
FB	B-16665	LMU	14.01.06	dr	NIZZI P	94.05.05	sheet 1 of 4
FC	B-17321	LMU	14.03.27	engr	COMPAGNON J	95.12.05	size
				chr			76745
				appd	JMC	95.12.05	A3
sheet	revision	FC	BY	F	A		type
index	sheet	1	2	3	4		CUSTOMER
							Drawing

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
13	9.07	6.3	3.05	18.42
14	5.33	21.5	2.48	29.31
17	7.5	23.45	3.05	34.0
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
28	6.6	8.25	2.8	17.65
29	9.1	15.7	3.2	28.0
34	8.0	12.0	3.0	23.0
36	10.55	7.5	10.53	28.58
40	7.0	6.5	3.06	16.56
55	13.0	20.0	3.2	36.2
57	11.78	5.08	3.23	20.06
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
71	6.8	5.2	2.69	14.69
79	9.95	39.0	3.05	52.0
80	5.68	7.0	2.3	15.0
88	10.8	8.0	3.7	22.5
AN	10.0	29.0	3.0	42.0
BD	11.7	13.5	3.21	28.41
BM	11.5	11.5	3.04	26.04
BT	8.5	35.0	8.5	52.0
CB	9.0	30.0	3.0	42.0
CD	9.24	12.0	9.24	30.48

SEE SHEET 3

APPLICATION SPECIFIC

PIN STYLE	MATING LENGTH ±0.2	STACK HEIGHT ±0.25	"B" ±0.25	("OAL") REF
CF	8.25	16.0	8.25	32.5
CG	6.0	40.0	6.0	52.0
CH	11.02	12.0	3.02	26.04
CN	7.08	5.60	7.08	19.77
CP	9.50	7.00	2.41	18.91
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


SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

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
EF	5.84	46.50	3.05	55.40
EG	5.60	20.00	5.64	31.24
EH	4.60	15.00	1.50	21.10
EJ	9.26	5.08	9.26	23.60

mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title			
BT	F08-0236	LMU		09.11.13	angles	linear	mm		HEADER STR,DR				
BU	F10-0221	LMU		10.08.30			scale		DOUBLE BODY				
BV	F10-0259	LMU		10.12.19					dwg no				
BW	F11-0045	LMU		11.04.04	dr	COMPAGNON J	94.05.05			sheet 2 of 3			
BX	F12-0090	JFA		12.12.07	engr	JMC	95.08.28			size			
BY	B-16665	LMU		14.01.06	chr					A3			
					appd	JMC	95.08.28			type			
										CUSTOMER Drawing			
sheet index	revision sheet												

A

B

C

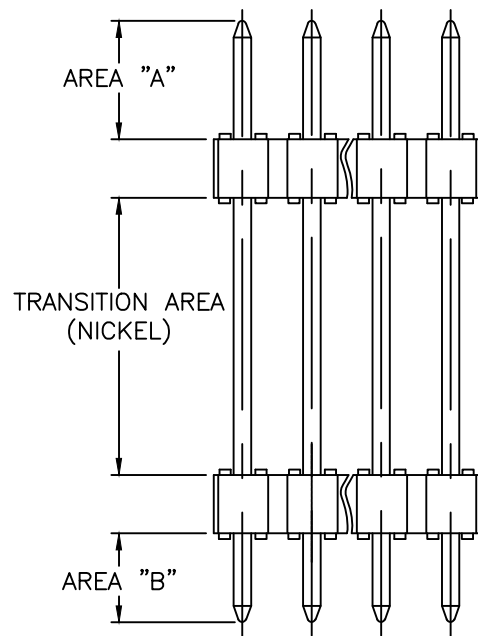
D

A

B

C

D



SPECIFICS PLATING AREA FOR PART NUMBERS :

P/N 76745-1CH-10LF

P/N 76745-1CH-18LF




P/N 76745-579R24LF

P/N 76745-579R30LF

P/N 76745-1CU-20LF

P/N 76745-1DF-26LF

AREA "A" & "B" : GOLD/GXT PLATING AREA

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101			product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified					title			
A	F06-110	LMU	06.01.26	angles	linear							
B	F06-0196	LMU	06.06.20									
C	F07-0266	J.CO	07.10.15						scale			
D	F12-0023	LMU	12.06.06	dr	L.MULIN	06.01.31						
E	F12-0090	JFA	12.12.07	engr	J.COMPAGNON	06.01.31				dwg no		
F	B-16665	LMU	14..01.06	chr								
				appd	JMC	06.01.31	76745					
sheet index		revision sheet								A3		
							type					
										CUSTOMER		
							Drawing					

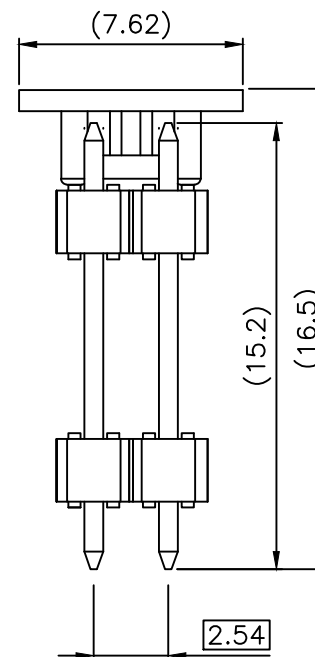
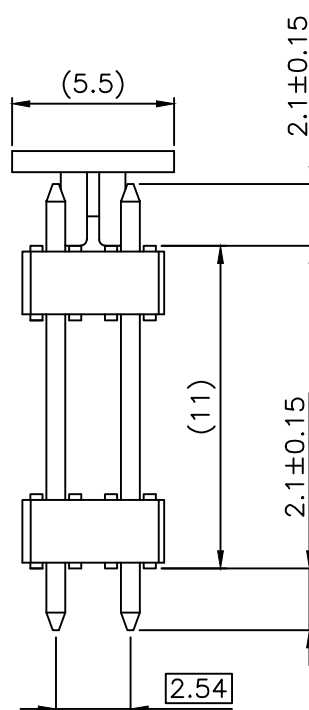
SPECIFIC PRODUCT NUMBER




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	B-16665	LMU	14.01.06	angles		linear				HEADER STR,DR							
								mm		DOUBLE BODY							
								scale									
				dr	L.MULIN		13.02.18				dwg no		sheet 4 of -		size		
				enrg	J.COMPAGNON		13.02.18				76745				A.		
				chr													
				appd	JMC		13.02.18										
sheet index		revision sheet															