

## 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 = 0.76 $\mu$ m GOLD/GXT, OVER 1.27 $\mu$ m Ni MIN5 / 8 = 0.38 $\mu$ m GOLD/GXT OVER 1.27 $\mu$ m Ni MIN3 = 3.81 $\mu$ m TIN/LEAD OVER 1.27 $\mu$ m Ni MIN

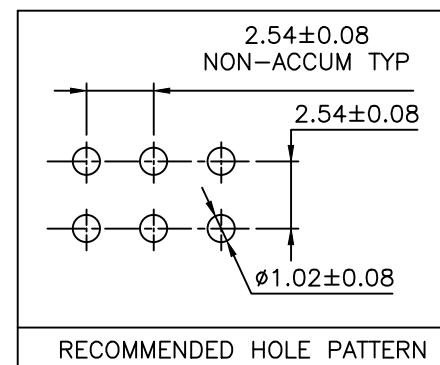
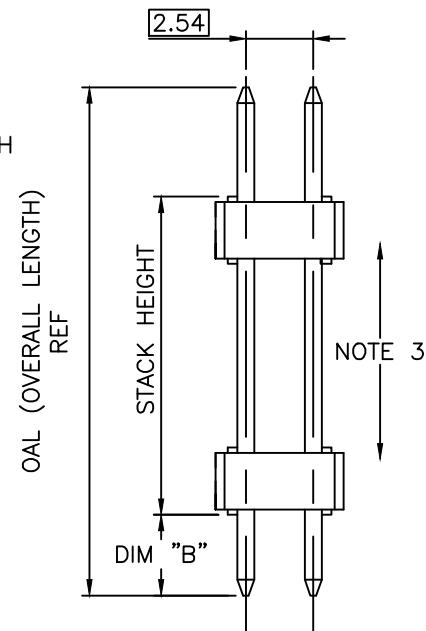
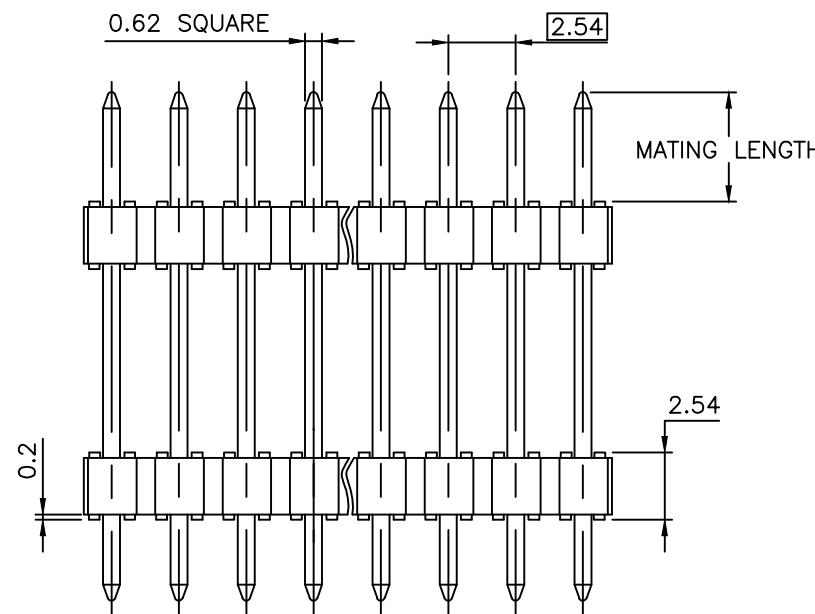
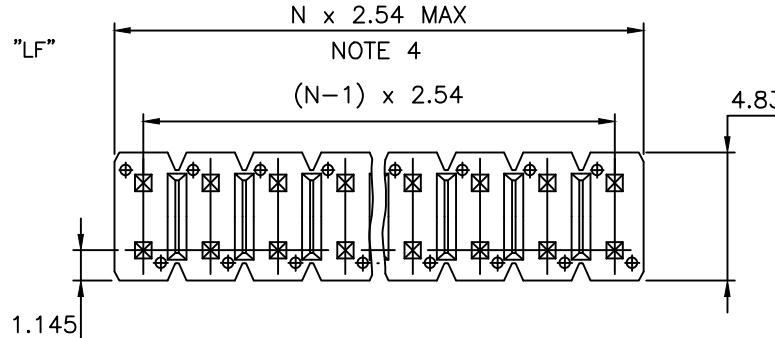
– WHEN "LF" IS REQUIRED, 2 $\mu$ m MATTE  
TIN OVER 1.27 $\mu$ m MIN NICKEL IS  
PROVIDED INSTEAD OF TIN-LEAD

## 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 x 2.54 = 20.32mm
5. FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS SEE DRAWINGS 54111 & 54121.
6. OPTION LETTER :  
– = STANDARD POLYBAGS PACKAGING  
V = POLYBAGS PACKAGING FOR VALEO  
B = TUBE WITH PICK UP CAP AS AVAILABLE

## 7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- PLATING:  
– "LF" MEANS THE PRODUCT IS LEAD-FREE, 2 $\mu$ m MINIMUM MATTE TIN OVER 1.27 $\mu$ m MINIMUM NICKEL UNDERPLATE.
- 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.
- LABELING:  
– MEETS PACKAGING SPECS AS PER GS-14-920
- LEGAL STATEMENT: SEE GS-47-0004



mat'l. code SEE NOTES				surface	tolerance	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
EX	F11-0045	LMU	11.04.05	ISO 1302	✓ ISO 406 ISO 1101		BSTIK
EY	F12-0023	LMU	12.06.06	angles	x.x ±0.3	mm	
FA	F12-0090	JFA	12.12.07	linear	x.xx ±0.13	scale 5:1	
FB	B-16665	LMU	14.01.06	dr	NIZZI P	94.05.05	
FC	B-17321	LMU	14.03.27	engn	COMPAGNON J	95.12.05	
				chr			
				oppd	JMC	95.12.05	
sheet	revision	FC	BY	F	A		
index	sheet	1	2	3	4		



## 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

## 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

## 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

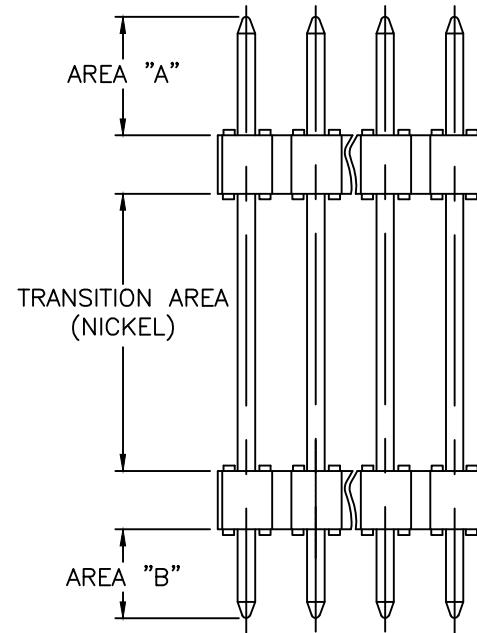
mat'l. code				surface	tolerance	projection	product family
ISO 1302	✓	ISO 406	ISO 1101				BSTIK
Ltr	ecn no	dr	date	tolerances unless otherwise specified			
BT	F08-0236	LMU	09.11.13	angles	linear		
BU	F10-0221	LMU	10.08.30			mm	
BV	F10-0259	LMU	10.12.19			scale	
BW	F11-0045	LMU	11.04.04	dr	COMPAGNON J	94.05.05	
BX	F12-0090	JFA	12.12.07	engr	JMC	95.08.28	
BY	B-16665	LMU	14.01.06	chr			
				oppd	JMC	95.08.28	
sheet	revision						
index	sheet						

FCI

HEADER STR,DR DOUBLE BODY

dwg no 76745 sheet 2 of 3 size A3

type CUSTOMER Drawing



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		tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		
A	F06-110	LMU	06.01.26	tolerances unless otherwise specified					
B	F06-0196	LMU	06.06.20	angles		linear		mm	
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			
F	B-16665	LMU	14..01.06	chr					
				oppd	JMC	06.01.31			
sheet		revision							
index		sheet							

FCI

SPECIFIC PRODUCT NUMBER

76745-3DCA04LF

TTTTT Rule COMPLIANCE

TOTAL NB OF PC

#### PACKAGING

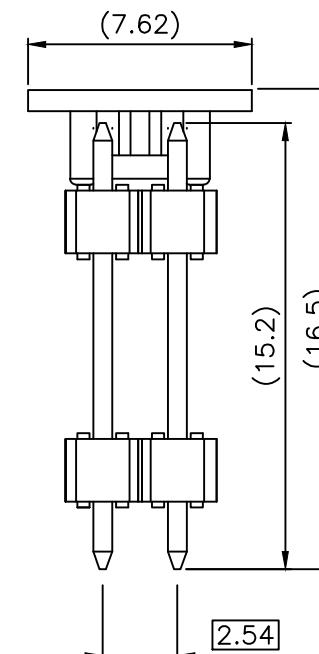
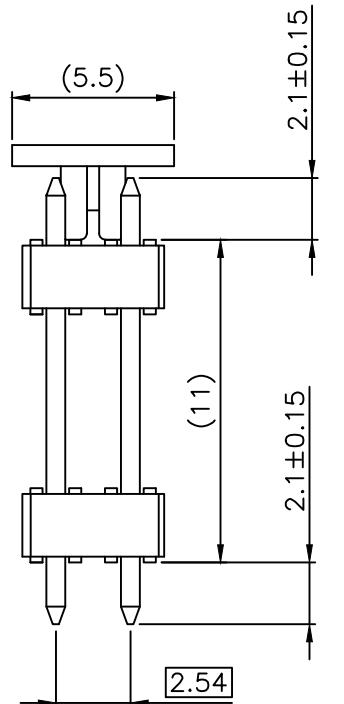
DIA-SP-15

## PLATING

3 =  $2\mu\text{m}$  MATTE TIN  
OVER  $1.27\mu\text{m}$  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



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3

form: A

1

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	
A	B-16665	LMU	14.01.06	angles	linear		HEADER STR, DR DOUBLE BODY		
						mm			
						scale			
		dr	L.MULIN	13.02.18			dwg no	sheet 4 of -	size
		engr	J.COMPAGNON	13.02.18			76745		A3
		chr					type	CUSTOMER	Drawing
		appd	JMC	13.02.18					
sheet	revision								