

PRODUCT NUMBER
76745-YXX-XXLF

RoHS COMPATIBLE, SEE NOTE 8
TOTAL NB OF POS (04 TO 72 POS)
OPTION LETTER, SEE NOTE 6
PIN STYLE

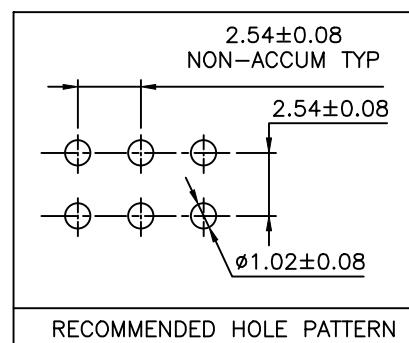
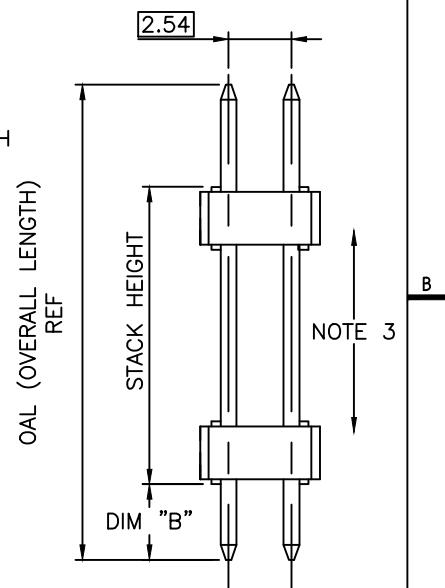
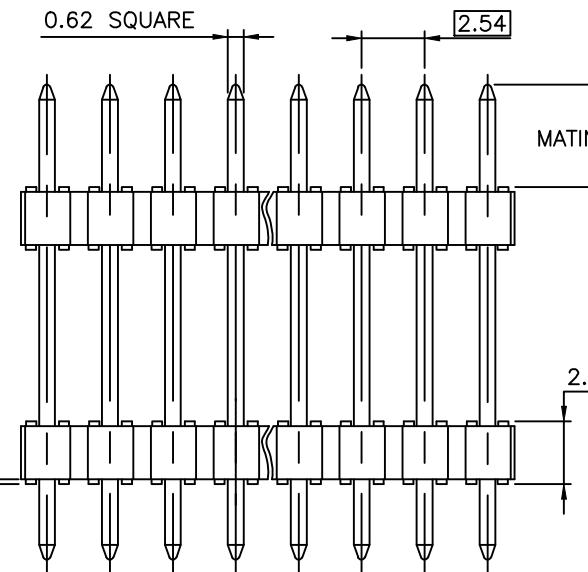
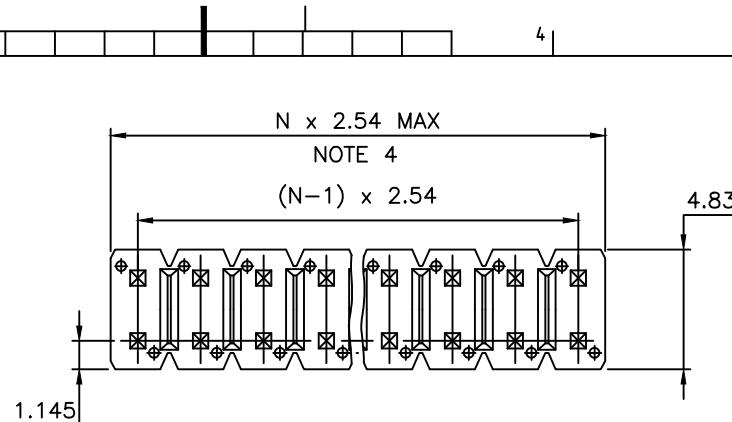
PLATING
1 = 0.76 μ m GOLD/GXT,
3 = 2 μ m MIN MATTE TIN FULL PLATED
5 / 8 = 0.38 μ m GOLD/GXT
1.27 μ m Ni MIN UNDERPLATING

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 PACKAGING IN POLYBAG
V = POLYBAGS PACKAGING FOR CUSTOMER DEDICATED PART
B = TUBE WITH PICK UP CAP AS AVAILABLE
7. RETENTION IS APPLIED TO TWO ADJACENT PINS AT EACH END OF THE PRODUCT SEE SCHEMA 1 OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2 μ m MINIMUM MATTE TIN OVER 1.27 μ m MINIMUM NICKEL UNDERPLATE.
- b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C \pm 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		surface		tolerance		projection	product family		
SEE NOTES		ISO 1302		ISO 406 ISO 1101					
ltr	ecn no	dr	date	tolerances unless otherwise specified					
FF	B-19782	AMA	14.12.18	angles	X.XX \pm 0.3				
FG	B-20322	AMA	15.01.27	linear	X.XX \pm 0.13				
FH	F-22479	BVE	15.11.12		X.XXX \pm 0.05	scale 5:1			
				dr	NIZZI P	mm			
FC	B-17321	LMU	14.03.27	engr	COMPAGNON J	95.12.05			
FD	B-19264	LMU	14.11.03	chr					
FE	B-19345	LMU	14.11.07	appd	JMC	95.12.05			
sheet	revision	FH	CB	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

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

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
EK	6.00	7.50	6.00	19.50
EL	6.00	12.30	4.10	22.40

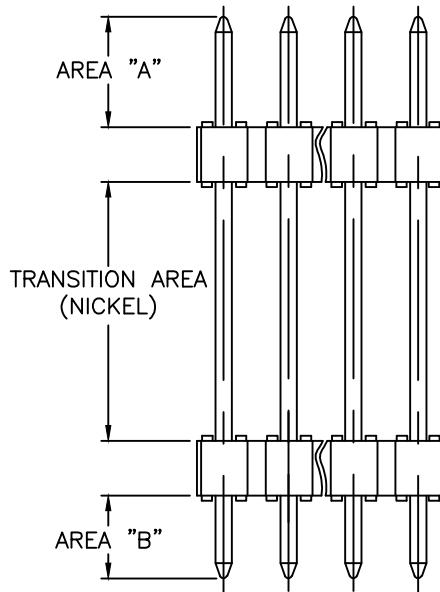
mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101
				tolerances unless otherwise specified			
CB	B-20322	AMA	15.01.27	angles	linear		bstik
BV	F10-0259	LMU	10.12.19				
BW	F11-0045	LMU	11.04.04	dr	COMPAGNON	J	HEADER STR,DR
BX	F12-0090	JFA	12.12.07	engr	JMC		DOUBLE BODY
BY	B-16665	LMU	14.01.06	chr			
CA	B-1345	LMU	14.11.07	appd	JMC	95.08.28	
sheet	revision						
index	sheet						

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dwg no 76745 sheet 2 of 4 size A3

type CUSTOMER Drawing

FCI



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	ISO 1302	✓ ISO 406 ISO 1101		BSTIK
A	F06-110	LMU	06.01.26	tolerances unless otherwise specified		
B	F06-0196	LMU	06.06.20	angles	mm	
C	F07-0266	J.C0	07.10.15	linear	scale	
D	F12-0023	LMU	12.06.06	dr	L.MULIN	HEADER STR,DR
E	F12-0090	JFA	12.12.07	engr	J.COMPAGNON	DOUBLE BODY
F	B-16665	LMU	14..01.06	chr	appd	dwg no
					JMC	76745
					06.01.31	sheet 3 of 4
						A3
						type
						CUSTOMER Drawing
sheet	revision					
index	sheet					



SPECIFIC PRODUCT NUMBER

76745-3DCA04LF

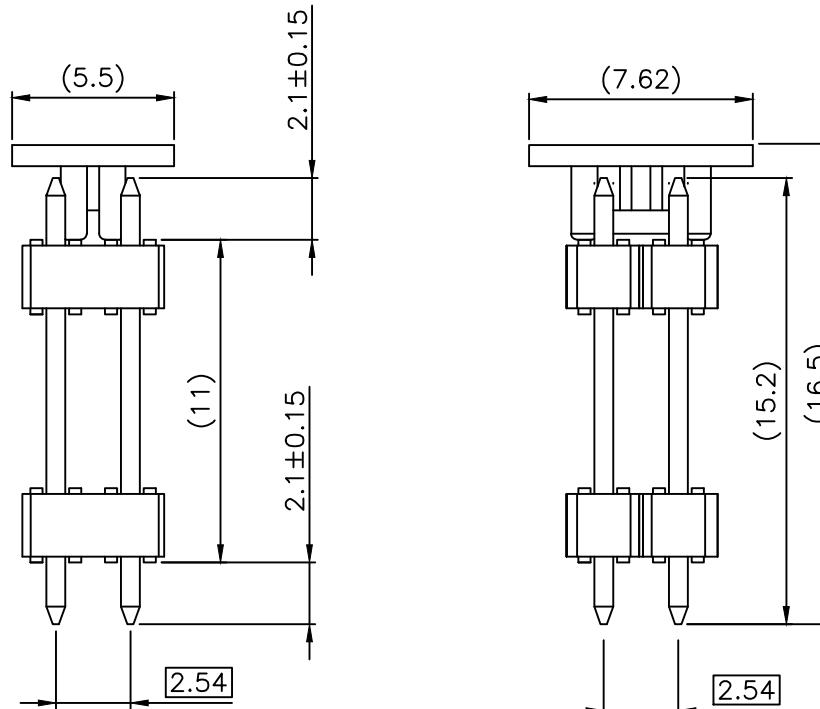
TTTTT Beta COMPLIANCE

TOTAL NB OF POS
PACKAGING TYPE, SEE NOTE 1
PIN STYLE

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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mat'l. code				surface	tolerance	projection	product family	BSTIK	
				ISO 1302	ISO 406 ISO 1101				
ltr	ecn no	dr	date	tolerances unless otherwise specified					
A	B-16665	LMU	14.01.06	angles	linear	mm	HEADER STR, DR DOUBLE BODY		
						scale			
		dr	L.MULIN	13.02.18			dwg no	sheet 4 of 4	size
		engr	J.COMPAGNON	13.02.18			76745		A3
		chr							
		appd	JMC	13.02.18					
sheet	revision						type	CUSTOMER	Drawing