

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

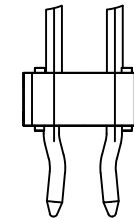
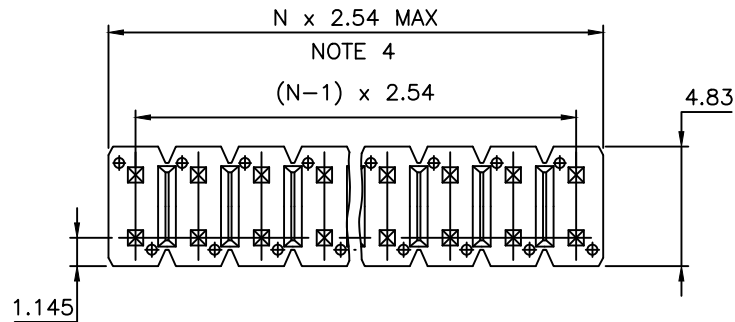
- 1 = 0.76µm GOLD/GXT,
- 3 = 2µm MIN MATTE TIN FULL PLATED
- 5 / 8 = 0.38µm GOLD/GXT
- 1.27µm Ni MIN UNDERPLATING

NOTES:

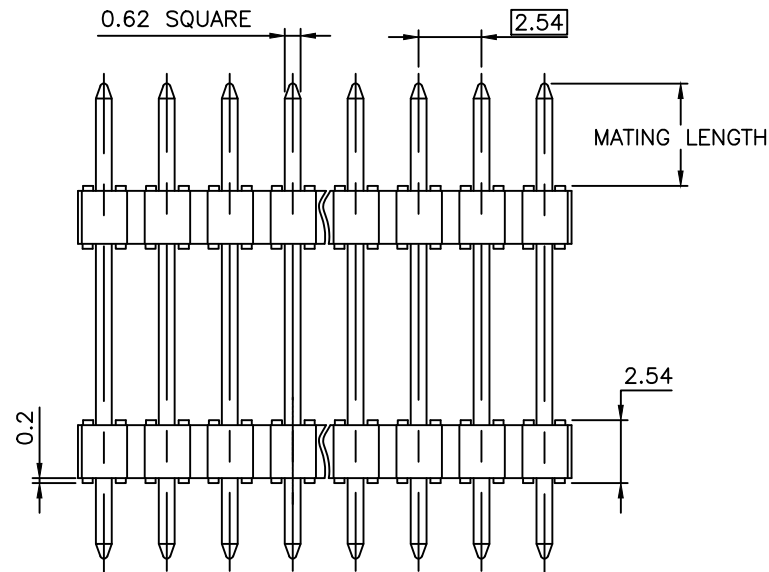
- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK.
- PIN MATERIAL : PHOSPHOR BRONZE.
- 12N MIN RETENTION IN EITHER DIRECTION.
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
- FOR STANDARD SELECTIVE GOLD PLATED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



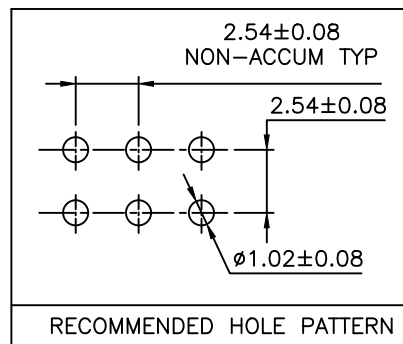
SCHEMA 1
TWO RETENTION PIN AT EACH
END OF THE PRODUCT



OAL (OVERALL LENGTH)
REF

STACK HEIGHT

NOTE 3



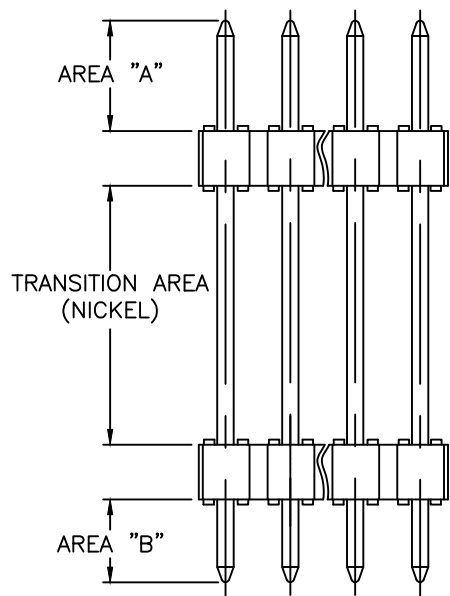
mat'l. code				surface		tolerance		projection	product family	
SEE NOTES				ISO 1302	☒	ISO 406	ISO 1101		BSTIK	
lfr	ecn no	dr	date	tolerances unless		otherwise specified			title	
FF	B-19782	AMA	14.12.18	angles	linear	x.X	±0.3		HEADER STR,DR	
FG	B-20322	AMA	15.01.27			x.XX	±0.13	DOUBLE BODY		
FH	F-22479	BVE	15.11.12			x.XXX	±0.05	scale 5:1		
FK	F-28617	DDE	17.11.27	dr	NIZZI P	94.05.05			dwg no	
				enrg	COMPAGNON J	95.12.05			sheet 1 of 4	
FD	B-19264	LMU	14.11.03	chr					76745	
FE	B-19345	LMU	14.11.07	appd	JMC	95.12.05			A3	
sheet	revision	FK	CC	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

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
EM	9.00	9.30	6.21	24.51
EN	5.75	26.90	5.75	38.40

[illegible]



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			
				ISO 1302	ISO 406	ISO 1101	BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	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	dwg no			
D	F12-0023	LMU	12.06.06	dr	L.MULIN	06.01.31	sheet 3 of 4			
E	F12-0090	JFA	12.12.07	enr	J.COMPAGNON	06.01.31	76745			
F	B-16665	LMU	14..01.06	chr			A3			
				appd	JMC	06.01.31	type			
sheet	revision						CUSTOMER			
index	sheet						Drawing			

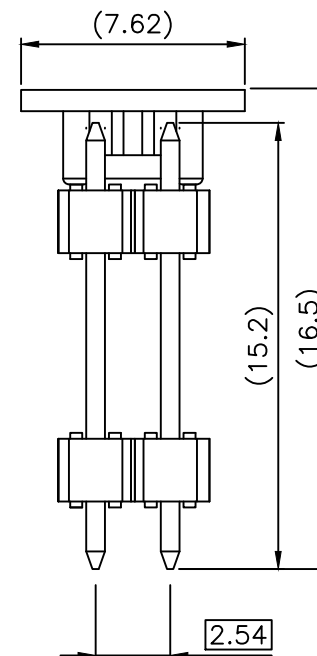
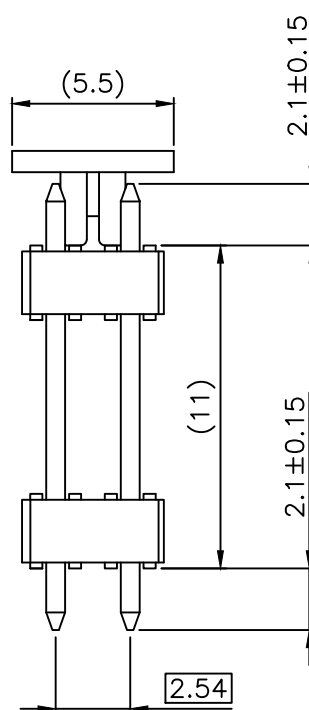
SPECIFIC PRODUCT NUMBER

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				
lfr	ecn no	dr	date	tolerances unless		otherwise specified				title HEADER STR,DR DOUBLE BODY				
A	B-16665	LMU	14.01.06	angles	linear			scale		dwg no 76745 sheet 4 of 4 size A3				
				dr	L.MULIN		13.02.18				type			
				engr	J.COMPAGNON		13.02.18				CUSTOMER			
				chr							Drawing			
				appd	JMC		13.02.18							
sheet index		revision sheet												