

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

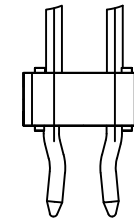
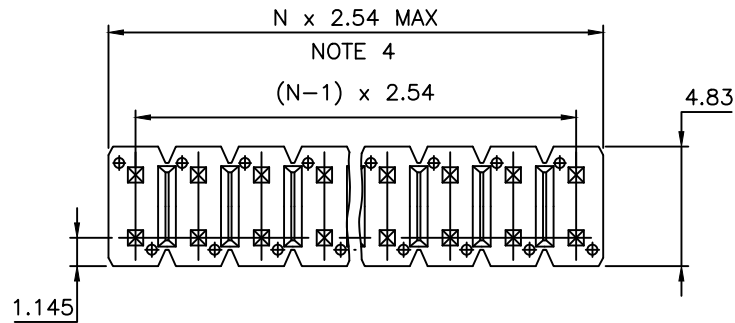
- 1 = 0.76µm GOLD/GXT,
- 3 = 2µm MIN MATTE TIN FULL PLATED
- 5 / 8 = 0.38µm GOLD/GXT
- 1.27µm Ni MIN UNDERPLATING

NOTES:

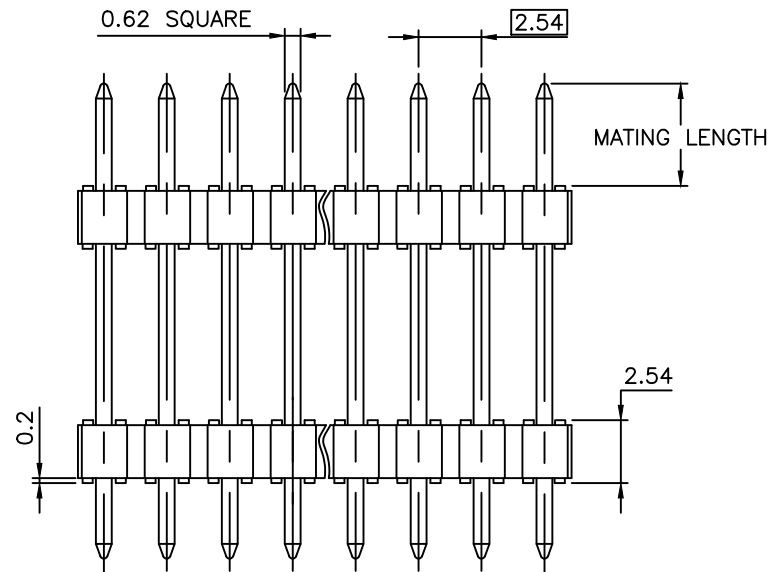
- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK.
- PIN MATERIAL : PHOSPHOR BRONZE.
- 12N MIN RETENTION IN EITHER DIRECTION.
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
- FOR STANDARD SELECTIVE GOLD PLATED 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



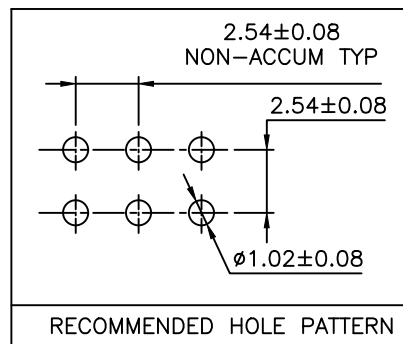
SCHEMA 1
TWO RETENTION PIN AT EACH
END OF THE PRODUCT



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		sheet 1 of 4	size
				enrg	COMPAGNON J	95.12.05			76745		A3	
FD	B-19264	LMU	14.11.03	chr								
FE	B-19345	LMU	14.11.07	appd	JMC	95.12.05		type		CUSTOMER		Drawing
sheet	revision	FK	CC	F	A							
index	sheet	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
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

SEE SHEET 3

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form: A3

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6

mat'l. code

ltr

ecn no

dr

date

surface

tolerance

projection

product family

CB

B-20322

AMA

15.01.27

ISO 1302

tolerances unless otherwise specified

angles

linear

mm

scale

BSTIK

CC

F-28617

DDE

17.11.27

ISO 406

ISO 1101

linear

mm

scale

mm

scale

76745

A3

BW

F11-0045

LMU

11.04.04

dr

COMPAGNON J

94.05.05

JMC

95.08.28

FCI

dwg no

sheet 2 of 4

size

BX

F12-0090

JFA

12.12.07

enrg

JMC

95.08.28

FCI

type

CUSTOMER

Drawing

BY

B-16665

LMU

14.01.06

chr

JMC

95.08.28

FCI

revision

sheet

CA

B-1345

LMU

14.11.07

appd

JMC

95.08.28

FCI

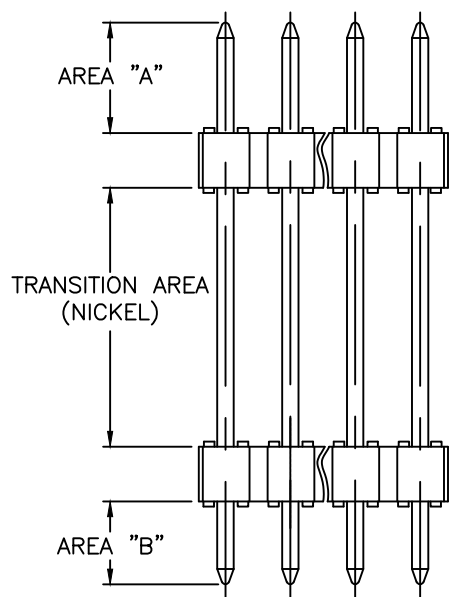
index

sheet

PDS: Rev :FK

STATUS:Released

Printed: Nov 28, 2017



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



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mat'l. code				surface ISO 1302 ☒ ISO 406 ISO 1101		projection 	product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title HEADER STR,DR DOUBLE BODY			
A	F06-110	LMU	06.01.26	angles	linear					
B	F06-0196	LMU	06.06.20			scale		dwg no		
C	F07-0266	J.CO	07.10.15					sheet 3 of 4		size
D	F12-0023	LMU	12.06.06	dr	L.MULIN			76745		A3
E	F12-0090	JFA	12.12.07	enr	J.COMPAGNON			type		Drawing
F	B-16665	LMU	14..01.06	chr						
				appd	JMC					
sheet index	revision sheet									

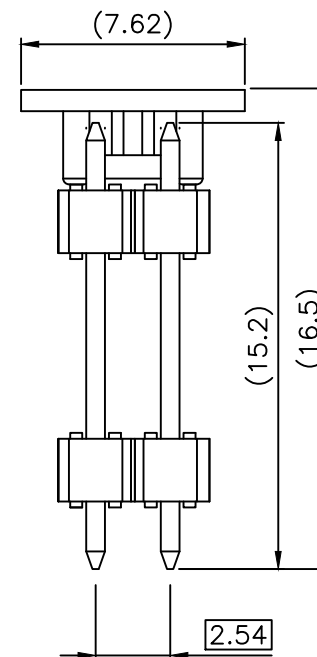
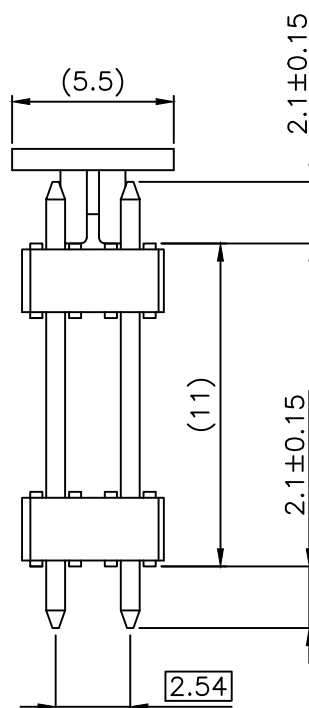
SPECIFIC PRODUCT NUMBER

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	tolerance	projection	product family			
lfr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	BSTIK			
A	B-16665	LMU	14.01.06	tolerances unless otherwise specified			title			
				angles	linear	mm	HEADER STR,DR			
						scale	DOUBLE BODY			
				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	type		CUSTOMER Drawing	
sheet	revision									
index	sheet									