

- RoHS COMPATIBLE, SEE NOTE 7
- TOTAL NB OF POS (04 TO 72 POS)
- OPTION LETTER, SEE NOTE 6
- PIN STYLE

1 = 0.76μm GOLD/GXT,
3 = 2μm MIN MATTE TIN FULL PLATED
/ 8 = 0.38μm GOLD/GXT
27μm Ni MIN UNDERPLATING

1. HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK.

3. 12N MIN RETENTION IN EITHER DIRECTION.

4. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$

5. FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS
SEE DRAWINGS 54111 & 54121.

- = STANDARD PACKAGING IN POLYBAG
V = POLYBAGS PACKAGING FOR CUSTOMER DEDICATED PART
B = TUBE WITH PICK UP CAP AS AVAILABLE

7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

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

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR WITH A 1.6mm MIN THICK CIRCUIT BOARD.

– MEETS PACKAGING SPECS AS PER GS-14-920

2.54±0.08
NON-ACCUM TYP

2.54±0.08

1.02±0.08

RECOMMENDED HOLE PATTERN

Technical drawing of a 12-pin connector. The drawing shows a side view of the connector with 12 pins arranged in two rows of six. The overall width is dimensioned as $N \times 2.54 \text{ MAX}$. The distance between the centers of the pins in each row is dimensioned as $(N-1) \times 2.54$. The height of the connector is dimensioned as 1.145. The distance from the center of the pins to the right edge of the connector is dimensioned as 4.83. A note "NOTE 4" is present above the connector.

0.62 SQUARE

2.54

MATING LENGTH

0.2

2.54

GOAL (OVERALL LENGTH)

STACK HEIGHT

NOTE 3

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
ltr 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 DOUBLE BODY	
FG B-20322 AMA 15.01.27								x.XX ±0.13					
						x.xxx ±0.05		scale 5:1					
FB B-16665 LMU 14.01.06				dr		NIZZI P		94.05.05					
FC B-17321 LMU 14.03.27				enrg		COMPAGNON J		95.12.05				76745 A:	
FD B-19264 LMU 14.11.03				chr									
FE B-19345 LMU 14.11.07				appd		JMC		95.12.05				type CUSTOMER Drawing	
sheet index		revision sheet		FG	CB	F	A						
		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

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

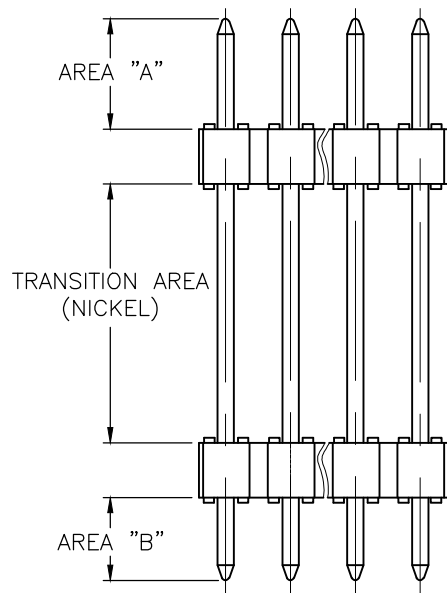
PIN STYLE	MATING LENGTH ±0.2	STACK HEIGHT ±0.25	"B" ±0.25	("OAL") REF
DX	6.50	12.50	6.50	25.50
DY	6.50	9.50	6.50	22.50
EA	6.65	32.30	3.05	42.00
EB	2.66	15.00	5.84	23.50
EC	10.00	39.60	2.40	52.00
ED	5.40	57.20	2.40	65.00
EF	5.84	46.50	3.05	55.40
EG	5.60	20.00	5.64	31.24
EH	4.60	15.00	1.50	21.10
EJ	9.26	5.08	9.26	23.60
EK	6.00	7.50	6.00	19.50
EL	6.00	12.30	4.10	22.40

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					
CB	B-20322	AMA	15.01.27	angles	linear					HEADER STR,DR DOUBLE BODY			
BV	F10-0259	LMU	10.12.19					scale					
BW	F11-0045	LMU	11.04.04	dr	COMPAGNON J	94.05.05				dwg no		sheet 2 of 4	size
BX	F12-0090	JFA	12.12.07	enrg	JMC	95.08.28				76745		A3	
BY	B-16665	LMU	14.01.06	chr									
CA	B-1345	LMU	14.11.07	appd	JMC	95.08.28				type		CUSTOMER	Drawing
sheet index	revision												
	sheet												



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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		projection 		product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
A	F06-110	LMU	06.01.26	angles	linear				HEADER STR,DR DOUBLE BODY				
B	F06-0196	LMU	06.06.20										
C	F07-0266	J.CO	07.10.15			scale							
D	F12-0023	JFA	12.06.06	dr	L.MULIN	06.01.31			dwg no		sheet 3 of 4	size	
E	F12-0090	JFA	12.12.07	enrg	J.COMPAGNON	06.01.31			76745		A3		
F	B-16665	LMU	14..01.06	chr					type		CUSTOMER	Drawing	
				appd	JMC	06.01.31							
sheet index		revision sheet											

form: A3

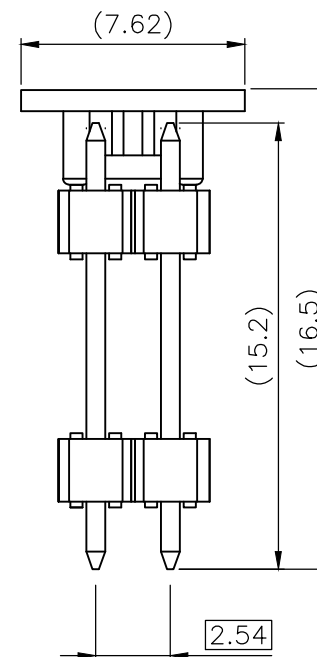
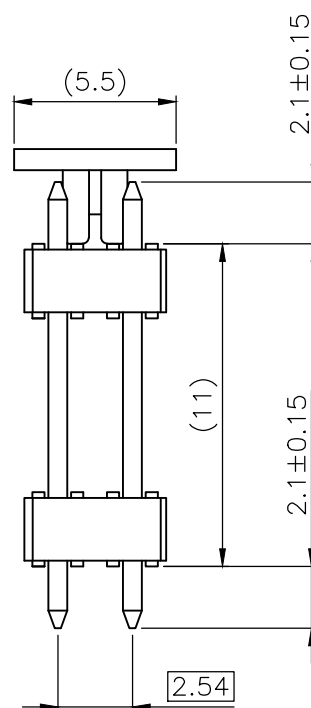
SPECIFIC PRODUCT NUMBER

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

dwg no 76745 sheet 4 of 4 size A3
type CUSTOMER Drawing