

- 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 dimensions. The overall length is labeled as $N \times 2.54 \text{ MAX}$. The distance between the centers of the pins is labeled as $(N-1) \times 2.54$. The height of the connector is labeled as 4.83. The width of the connector is labeled as 1.145. The drawing also includes a note: NOTE 4.

Technical drawing of a 16-pin connector, showing top and side views with dimensions.

Top View Dimensions:

- Pin pitch: 0.62 SQUARE
- Pin diameter: 2.54
- MATING LENGTH: Indicated by a vertical dimension line on the right side.

Side View Dimensions:

- Pin diameter: 2.54
- Pin thickness: 0.2

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		$x.x \pm 0.3$ $x.xx \pm 0.13$ $x.xxx \pm 0.05$		 mm		HEADER STR, DR DOUBLE BODY	
FG B-20322 AMA 15.01.27													
FB B-16665 LMU 14.01.06				dr		NIZZI P		94.05.05		 dwg no sheet 1 of 4 size 76745 A			
FC B-17321 LMU 14.03.27				enrg		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 index		revision sheet		FG	CB	F	A						
		1	2			3	4						

1

2

3

4

5

6

1

2

3

4

5

6

1

2

3

4

5

6

1

2

3

4

5

6

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

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

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form: A3

mat'l. code

ltr

ecn no

dr

date

surface

ISO 1302

tolerance

ISO 406

ISO 1101

projection

product family

BSTIK

title

HEADER STR,DR

DOUBLE BODY

scale

mm

FCI

dwg no

76745

sheet 2 of 4

size

A3

type

CUSTOMER

Drawing

sheet index

revision sheet

1

2

3

4

5

6

PDS: Rev :FH

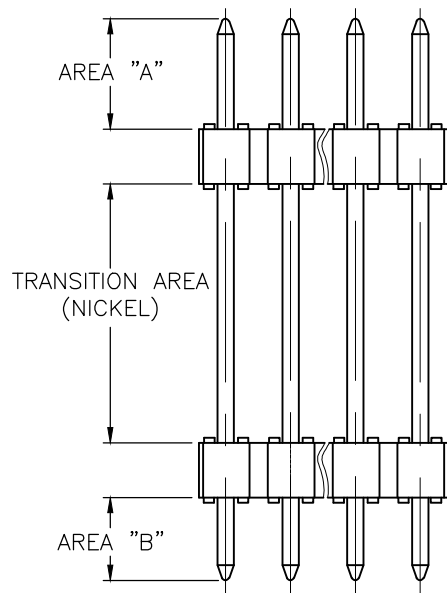
STATUS:Released

Printed: Feb 27, 2015



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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			
E		F12-0090		JFA		12.12.07		enrg		J.COMPAGNON		06.01.31		dwg no 76745	
F		B-16665		LMU		14..01.06		chr							
								appd		JMC		06.01.31		type CUSTOMER	
sheet index		revision sheet												Drawing	

form: A3

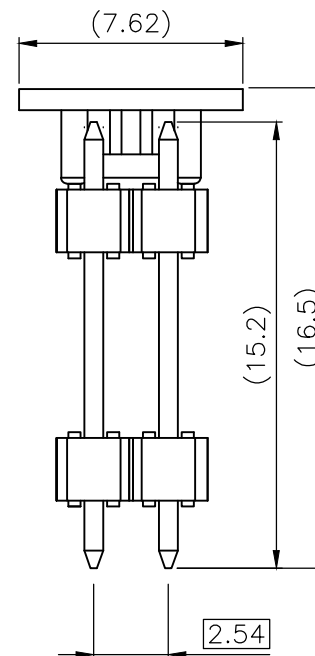
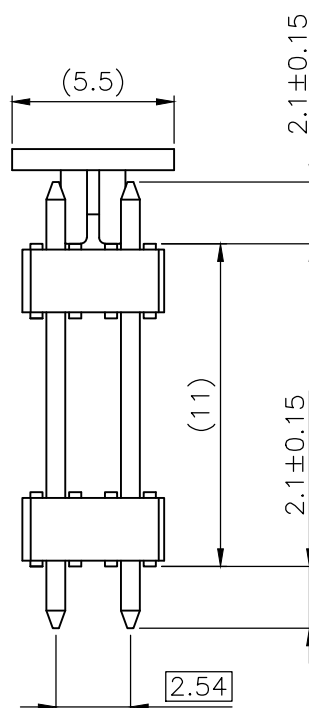
SPECIFIC PRODUCT NUMBER

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