

PRODUCT NUMBER
76745-YXX-XXLF

PLATING ————
RoHS COMPATIBLE, SEE NOTE 8
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
- 5 / 8 = 0.38µm GOLD/GXT
- 7 = GOLD FLASH FULL PLATED
- 1.27µm Ni MIN UNDERPLATING

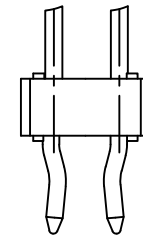
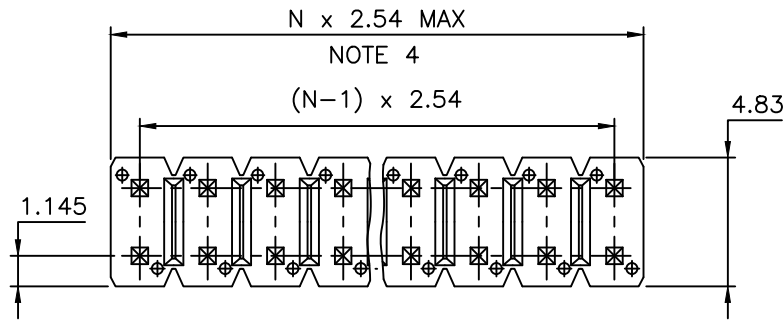
G = 0.76µm GOLD/GXT IN ZONE "A", 2µm MATTE TIN IN ZONE "B"
ALL OVER 1.27µm Ni MIN

NOTES:

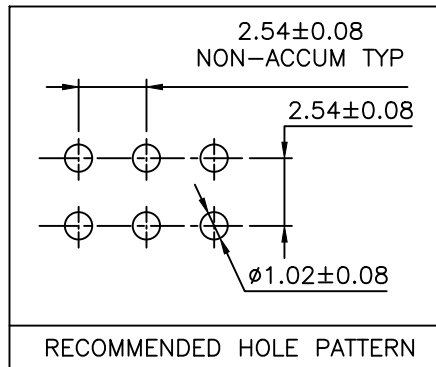
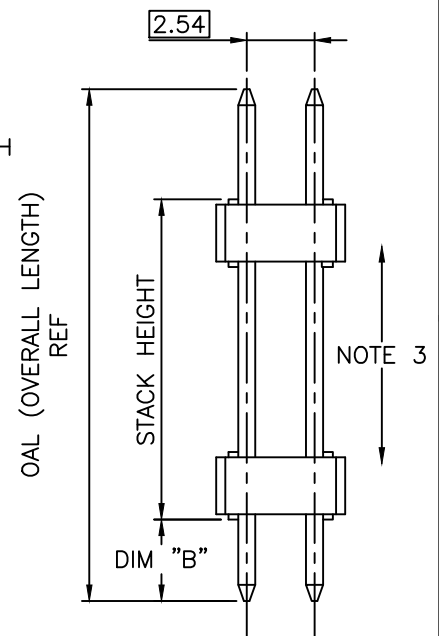
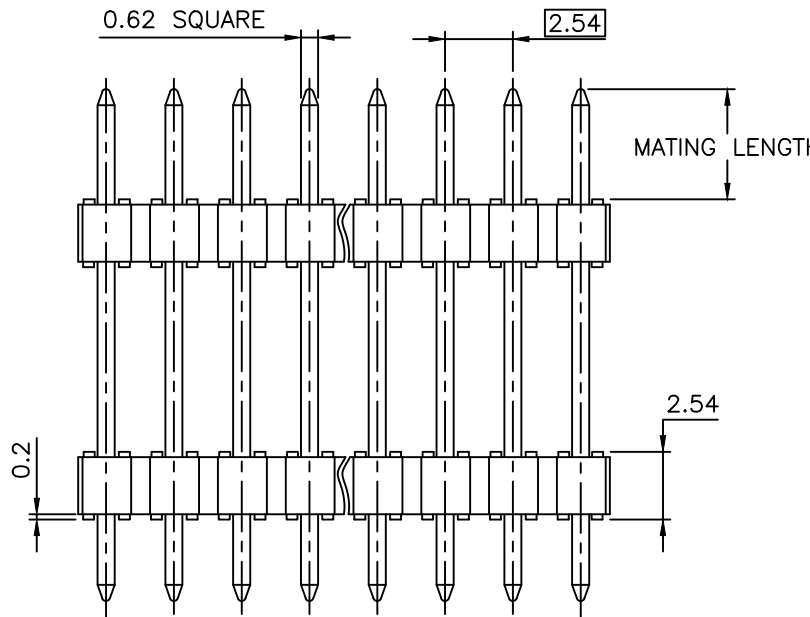
1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK.
2. PIN MATERIAL : PHOSPHOR BRONZE.
3. 12N MIN RETENTION IN EITHER DIRECTION.
4. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, N x 2.54 = 20.32mm
5. FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS SEE DRAWINGS 54112 & 54122.
6. OTPION 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, 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



mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302 ✓		ISO 406 ISO 1101		mm		BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
FP	F-45357	DDE	22.07.11	angles	linear	x.x ±0.3	HEADER STR,DR		
FR	F-47118	DDE	23.01.27			x.xx ±0.13	DOUBLE BODY		
FS	F-49242	DDE	23.09.12			x.xxx ±0.05	scale 5:1	dwg no	
				dr	NIZZI P	94.05.05	sheet 1 of 4		size
FL	F-37603	DDE	20.07.08	engr	COMPAGNON J	95.12.05	76745		A3
FM	F-40441	DDE	21.03.19	chr			type		Drawing
FN	F-40885	DDE	21.05.11	appd	JMC	95.12.05	CUSTOMER		
sheet	revision	FS	CJ	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

SEE SHEET 3

SEE SHEET 3

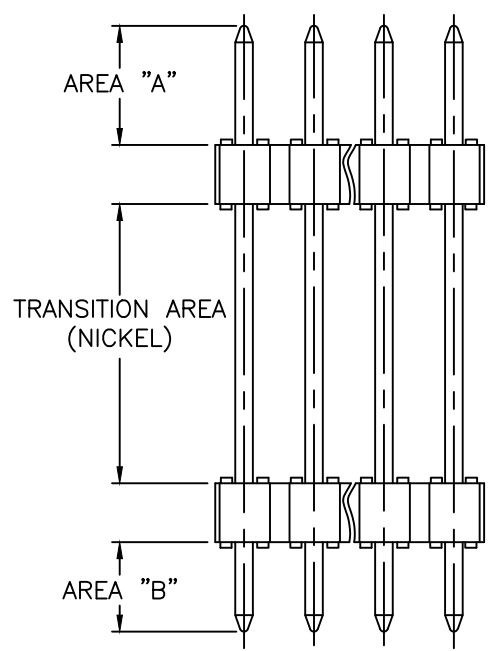
SEE SHEET 3

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
EM	9.00	9.30	6.21	24.51
EN	5.75	26.90	5.75	38.40
EP	6.50	36.40	6.50	49.40
ER	6.00	40.90	5.10	52.00
ES	5.50	16.50	3.50	25.50
ET	6.00	40.90	3.90	50.80
EU	6.50	30.00	3.50	40.00
EV	5.80	14.50	3.30	23.60
EW	14.68	33.02	6.35	54.05
EX	4.50	10.20	4.50	19.20
EY	7.75	31.50	4.80	44.05
FA	4.35	7.62	1.50	13.50
FB	5.80	43.50	4.10	53.40
FC	5.59	5.08	2.79	13.46
FD	7.24	8.00	2.91	19.15
FE	5.84	5.08	5.84	16.76

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
CJ	F-49242	DDE	23.09.12	angles	linear			HEADER STR,DR DOUBLE BODY	
CD	F-37603	DDE	20.07.08			scale		dwg no	
CE	F-40441	DDE	21.03.19	dr	COMPAGNON J	94.05.05	sheet 2 of 4		size
CF	F-40885	DDE	21.05.11	enrg	JMC	95.08.28	76745		A3
CG	F-45357	DDE	22.07.11	chr			type		Drawing
CH	F-47118	DDE	23.01.27	appd	JMC	95.08.28	CUSTOMER		
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

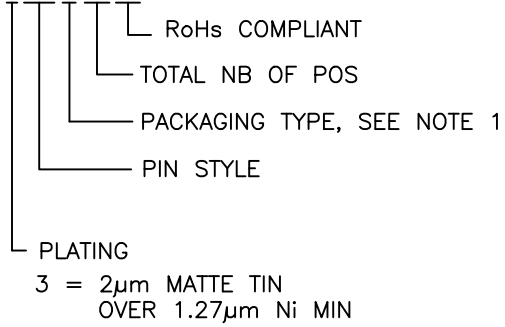


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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 <input checked="" type="checkbox"/>		ISO 406 ISO 1101				BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
A	F06-110	LMU	06.01.26	angles	linear			HEADER STR,DR	
B	F06-0196	LMU	06.06.20			scale		DOUBLE BODY	
C	F07-0266	J.CO	07.10.15					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	enrg	J.COMPAGNON	06.01.31	76745		size
F	B-16665	LMU	14..01.06	chr			type		A3
				appd	JMC	06.01.31	CUSTOMER		Drawing
sheet	revision								
index	sheet								

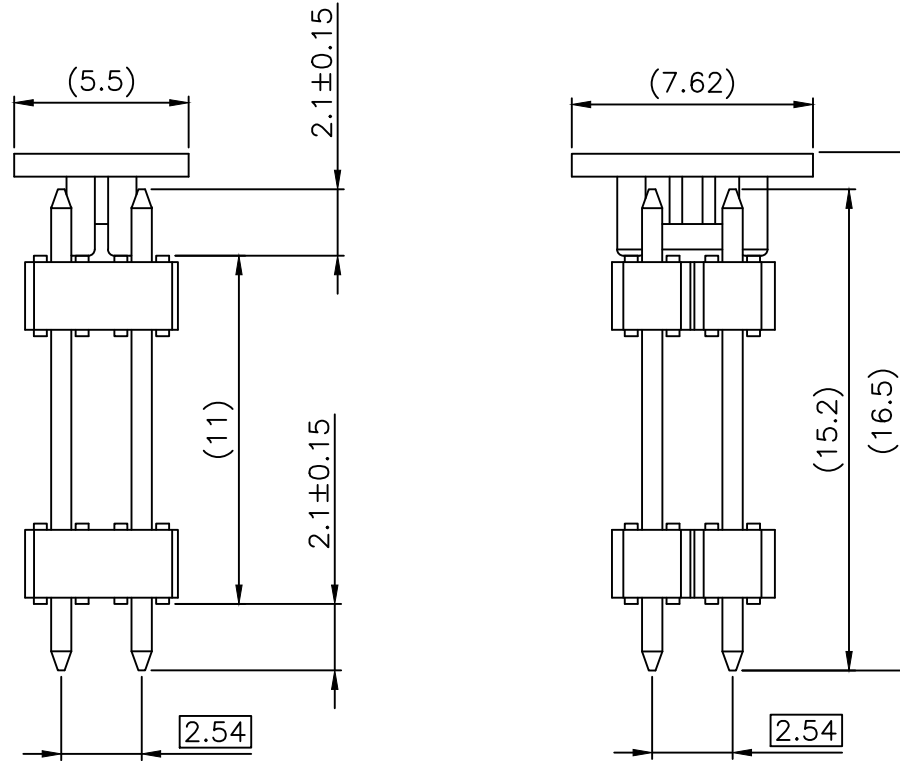
SPECIFIC PRODUCT NUMBER

76745-3DCA04LF



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 <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101 <input type="checkbox"/>		tolerance tolerances unless otherwise specified		projection 		product family BERGSTIK	
ltr	ecn no	dr	date	angles		mm		title HEADER STR,DR DOUBLE BODY	
A	B-16665	LMU	14.01.06	linear		scale		dwg no 76745	
		dr	L.MULIN	13.02.18			sheet 4 of 4		size A3
		enr	J.COMPAGNON	13.02.18			type CUSTOMER		Drawing
		chr							
		appd	JMC	13.02.18					
sheet index	revision sheet								



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