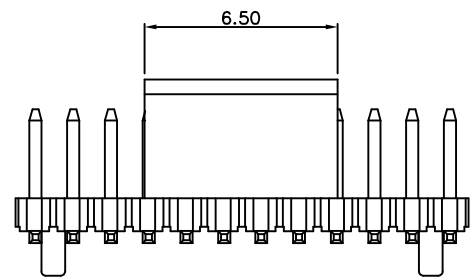
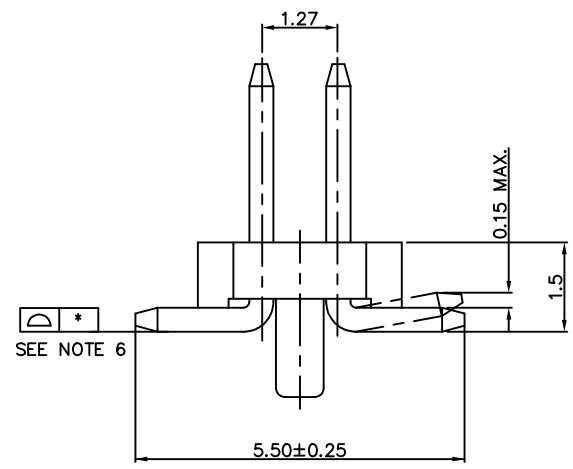
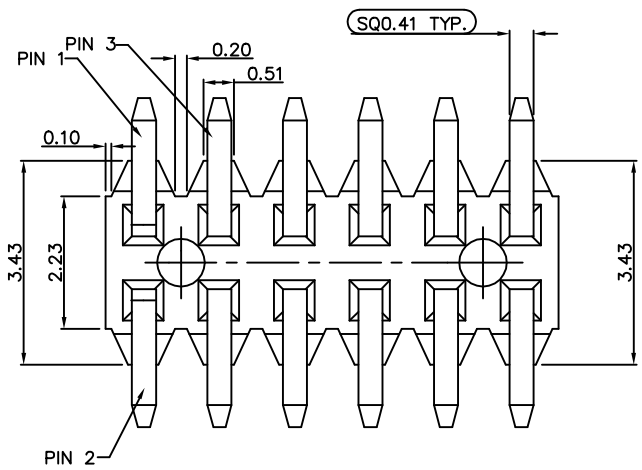
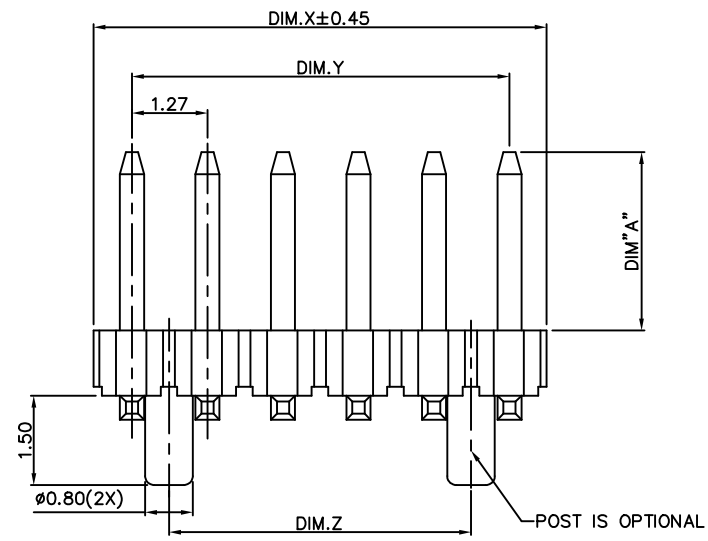


Amphenol
FCI

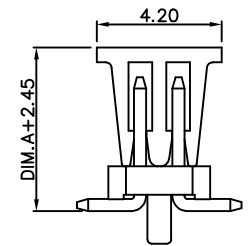
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©

PART NO.
20021121



PRODUCT WITH CAP



- NOTES:
- 1.MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94-V0 BLACK.
TERMINAL: COPPER ALLOY
 - 2.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - 3.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 - 4.PRODUCT SPEC: GS-12-629
 - 5.PACKAGE SPEC: GS-14-1420
 - 6.04~38 POS.: 0.1mm
40~100 POS.: 0.14mm

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	MINITEK127®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title			
U	ELX-N-53032	MK	26/09/24	angles	.0±.30		UNSHROUDED HDR VT SMT			
				linear	.00±.20					
				0°±2°	.000±.10	scale 1:1				
				dr	ZK HU	8/1/12	dwg no		sheet 1 of 3	size
R	ELX-N-40994-1	YY	05/24/21	eng	ZK HU	8/1/12	20021121			A3
S	ELX-N-49660	SF	11/02/23	chr	BIAN RICK	8/1/12				
T	ELX-N-52544	MZ	12/08/24	appd	BIAN RICK	8/1/12	type Product Customer Drawing			
sheet	revision	U	U	U						
index	sheet	1	2	3						

AmphenolFCI

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1

2

3

4

5

6

PART NO.	POS.	DIM.X	DIM.Y	DIM.Z
20021121-XX04XXLF	2 X 2	2.54	1.27	0
20021121-XX06XXLF	2 X 3	3.81	2.54	1.27
20021121-XX08XXLF	2 X 4	5.08	3.81	2.54
20021121-XX10XXLF	2 X 5	6.35	5.08	3.81
20021121-XX12XXLF	2 X 6	7.62	6.35	5.08
20021121-XX14XXLF	2 X 7	8.89	7.62	6.35
20021121-XX16XXLF	2 X 8	10.16	8.89	7.62
20021121-XX18XXLF	2 X 9	11.43	10.16	8.89
20021121-XX20XXLF	2 X 10	12.70	11.43	10.16
20021121-XX22XXLF	2 X 11	13.97	12.70	11.43
20021121-XX24XXLF	2 X 12	15.24	13.97	12.70
20021121-XX26XXLF	2 X 13	16.51	15.24	13.97
20021121-XX28XXLF	2 X 14	17.78	16.51	15.24
20021121-XX30XXLF	2 X 15	19.05	17.78	16.51
20021121-XX32XXLF	2 X 16	20.32	19.05	17.78
20021121-XX34XXLF	2 X 17	21.59	20.32	19.05
20021121-XX36XXLF	2 X 18	22.86	21.59	20.32
20021121-XX38XXLF	2 X 19	24.13	22.86	21.59
20021121-XX40XXLF	2 X 20	25.40	24.13	22.86
20021121-XX42XXLF	2 X 21	26.67	25.40	24.13
20021121-XX44XXLF	2 X 22	27.94	26.67	25.40
20021121-XX46XXLF	2 X 23	29.21	27.94	26.67
20021121-XX48XXLF	2 X 24	30.48	29.21	27.94
20021121-XX50XXLF	2 X 25	31.75	30.48	29.21
20021121-XX52XXLF	2 X 26	33.02	31.75	30.48
20021121-XX54XXLF	2 X 27	34.29	33.02	31.75
20021121-XX56XXLF	2 X 28	35.56	34.29	33.02
20021121-XX58XXLF	2 X 29	36.83	35.56	34.29
20021121-XX60XXLF	2 X 30	38.10	36.83	35.56
20021121-XX62XXLF	2 X 31	39.37	38.10	36.83
20021121-XX64XXLF	2 X 32	40.64	39.37	38.10
20021121-XX66XXLF	2 X 33	41.91	40.64	39.37
20021121-XX68XXLF	2 X 34	43.18	41.91	40.64
20021121-XX70XXLF	2 X 35	44.45	43.18	41.91
20021121-XX72XXLF	2 X 36	45.72	44.45	43.18
20021121-XX74XXLF	2 X 37	46.99	45.72	44.45
20021121-XX76XXLF	2 X 38	48.26	46.99	45.72
20021121-XX78XXLF	2 X 39	49.53	48.26	46.99
20021121-XX80XXLF	2 X 40	50.80	49.53	48.26
20021121-XX82XXLF	2 X 41	52.07	50.80	49.53
20021121-XX84XXLF	2 X 42	53.34	52.07	50.80
20021121-XX86XXLF	2 X 43	54.61	53.34	52.07
20021121-XX88XXLF	2 X 44	55.88	54.61	53.34
20021121-XX90XXLF	2 X 45	57.15	55.88	54.61

PART NO.	POS.	DIM.X	DIM.Y	DIM.Z
20021121-XX092XXLF	2 X 46	58.42	57.15	55.88
20021121-XX094XXLF	2 X 47	59.69	58.42	57.15
20021121-XX096XXLF	2 X 48	60.96	59.69	58.42
20021121-XX098XXLF	2 X 49	62.23	60.96	59.69
20021121-XXA0XXLF	2 X 50	63.50	62.23	60.96

PIN 2

PIN 1

PIN 3

DIM.Y

1.27

6.30±0.05

2.40±0.05

DIM.Z

NPTH, FOR THE PRODUCT WITH POST ONLY

0.76±0.05 TYP.

Ø1.00±0.05 (2X)

Ø0.1DIE

Ø0.1DIE

D

E

RECOMMENDED PCB LAYOUT

SCALE 5.000

20021121-X X X XX X X LF

LEAD FREE

PLATING ON CONTACT AREA

1: GOLD FLASH AT CONTACT, 1.27um MIN. MATTE TIN AT TAIL

2: GOLD FLASH AT CONTACT, GOLD FLASH AT TAIL

4: 0.25um Au MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL

5: 0.25um Au MIN. AT CONTACT, GOLD FLASH AT TAIL

6: 0.38um GXT MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL

7: 0.38um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL

8: 0.76um GXT MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL

9: 0.76um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL

PACKING STYLE

T: TUBE

D: TUBE + CAP

C: TAPE & REEL + CAP

E: TAPE & REEL

PIN NO. SEE TABLE

MATING LENGTH(DIM"A")

0: 3.05MM

1: 5.55MM

CODE

0: STANDARD

1: WITH OMIT PIN (SEE SHEET 3)

V: DEDICATED CUSTOMER

POST OPTION

0: WITHOUT POST

1: WITH POST

mat'l. code				surface			tolerance			projection			product family		
				ISO 1302			ISO 406			ISO 1101			MINITEK127®		
ltr				ecn no			dr			date			title		
u							tolerances unless otherwise specified			mm			UNSHROUDED HDR VT SMT		
				angles			linear								
				0±2'			.00±.20			.000±.10			scale 1:1		
				dr			ZK HU			8/1/12			dwg no		
				engr			ZK HU			8/1/12			sheet2 of 3		
				chr			BIAN RICK			8/1/12			size		
				appd			BIAN RICK			8/1/12			A3		
sheet index				revision sheet									type Product Customer Drawing		

form: A3-2016-02-24

1

2

PDS: Bay :U

STATUS:Released

Printed: Sep 29, 2024

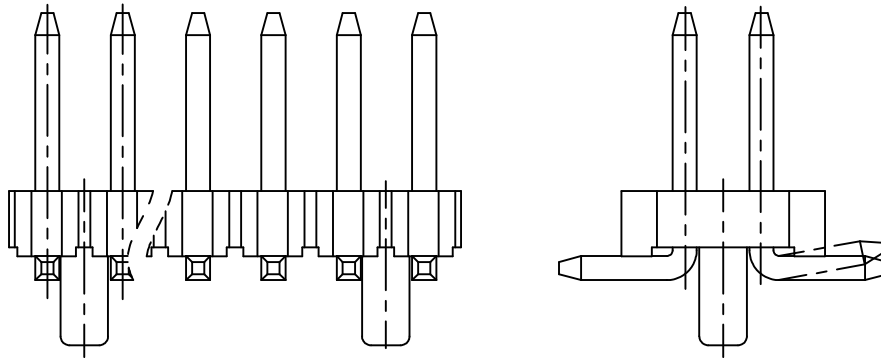
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6



A

A



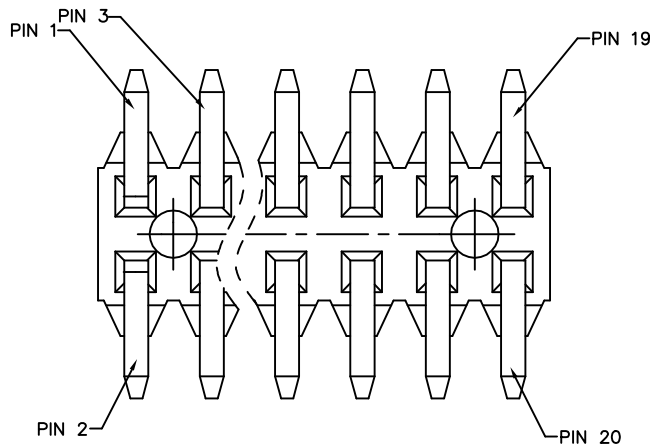
U

PART NUMBER	ACTUAL PIN NO.	POLARIZED PIN
20021121-01020C1LF	16	PIN #15, #16, #17, #18 OR PIN #3, #4, #5, #6



B

B



PART NUMBER 20021121-01020C1LF

C

C

mat'l. code				surface	tolerance	projection	product family
				ISO 1302	ISO 406	ISO 1101	MINITEK127®
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
U				angles	.0±.30	mm	UNSHROUDED HDR VT SMT
				linear	.00±.20		
				0°±2'	.000±.10	scale 1:1	
				dr	ZK HU	8/1/12	dwg no
				engr	ZK HU	8/1/12	sheet3 of 3
				chr	BIAN RICK	8/1/12	size
				appd	BIAN RICK	8/1/12	A3
sheet index	revision sheet						type Product Customer Drawing



D

D