FCIconnect.com

PRODUCT NUMBER
20020106-XXXXXXXLF

20020106- □ □ □ □ A 0 □ LF

PITCH
G: 5.00 mm
H: 5.08 mm

POLES
02: 2 POLES
03: 3 POLES
04: 4 POLES
24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

HOUSING CODE

CODE	COLOR	AVAILABILTY
1	GREEN(RAL 6018/T)	STANDARD
2	BLACK	ON REQUEST ONLY
3	GREY(RAL 7004/P)	ON REQUEST ONLY
4	BLUE(RAL 5015/A)	ON REQUEST ONLY

PROPERTY TABLE		
FCI SERIES NAME	06-500	06-508
PITCH (mm)	5.00	5.08
VOLTAGE RATING (VAC)	300	300
CURRENT RATING (A)	12	12
WITHSTANDING VOLTAGE (kV)	1.6	1.6
OPERATING TEMP. (°C)	-40~+115	-40~+115
SOLDERING TEMP. (°C)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE	02~24	02~24
SAFETY CERTIFICATE	c UL us	

NOTES:
1. MATERIALS
   1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED,
   1-2 TERMINAL: COPPER ALLOY, TIN PLATED.
2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.
5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

ltr	ecn no	dr	date
A	T10-0099	WL	070110
B	T10-0161	WL	101210

sheet index	revision			
	sheet	1	2	3
		B	B	B

mat'l. code

surface ASME Y14.5 | tolerance ASME Y14.5

tolerances unless otherwise specified

angles | linear: X.±0.5 | X.X±0.3 | X.XX±0.1

X°±1°

projection | MM [INCH]

scale

dr	WENDY CHEN	062210
engr	JASON HSU	062210
chr	GARY HSIEH	062210
appd	JOSEPH HSIA	062210

product family: TERMINAL BLOCK

title: TERMINAL BLOCK
PLUGGABLE SIGNAL, SOCKET, STRAIGHT
2 WALLS

dwg no 20020106 | sheet 1 of 3 | size A4

type: CUSTOMER Drawing

form: A4mmXLc

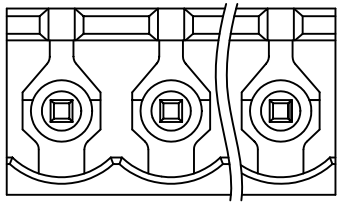
PDM: Rev:B

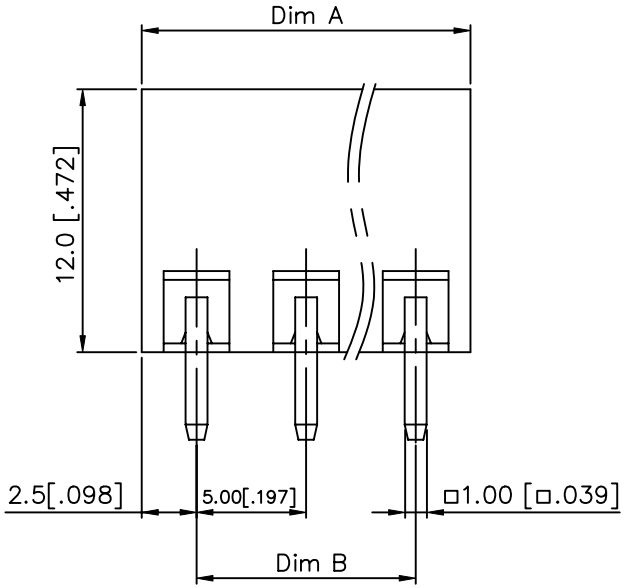
STATUS: Released

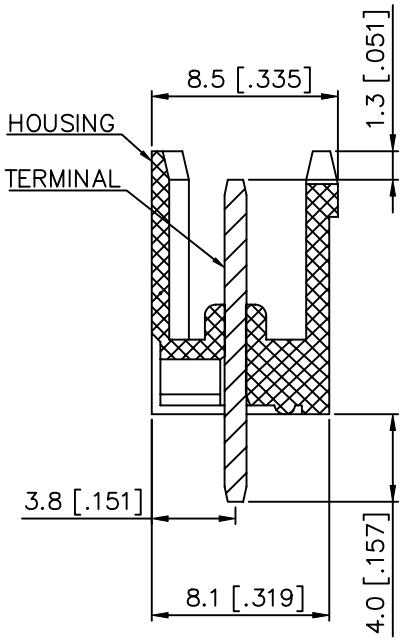
Printed: Oct 17, 2010

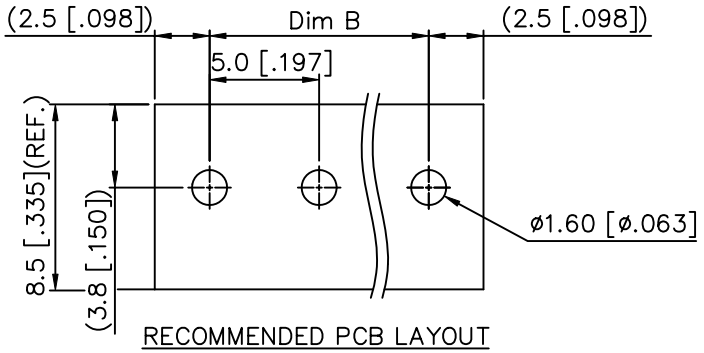
FCIconnect.com

PRODUCT NUMBER	SERIES NAME	PITCH
20020106-GXXXXXXLF	06-500	5.00 mm









POLE		2	3	4	5	6	7	8
DIM.A		10.0[.394]	15.0[.590]	20.0[.787]	25.0[.984]	30.0[1.181]	35.0[1.377]	40.0[1.574]
DIM.B		5.0[.196]	10.0[.394]	15.0[.590]	20.0[.787]	25.0[0.984]	30.0[1.181]	35.0[1.377]
Tol.	±0.15[.006]							±0.25[.010]

POLE	9	10	11	12	13	14	15	16
DIM.A	45.0[1.771]	50.0[1.968]	55.0[2.165]	60.0[2.362]	65.0[2.559]	70.0[2.755]	75.0[2.952]	80.0[3.149]
DIM.B	40.0[1.574]	45.0[1.771]	50.0[1.968]	55.0[2.165]	60.0[2.362]	65.0[2.559]	70.0[2.755]	75.0[2.952]
Tol.	±0.25[.010]				±0.30[.012]			

POLE	17	18	19	20	21	22	23	24
DIM.A	85.0[3.346]	90.0[3.543]	95.0[3.74"]	100.0[3.937]	105.0[4.133]	110.0[4.330]	115.0[4.527]	120.0[4.724]
DIM.B	80.0[3.149]	85.0[3.346]	90.0[3.543]	95.0[3.74]	100.0[3.937]	105.0[4.133]	110.0[4.330]	115.0[4.527]
Tol.	±0.30[.012]		±0.40[.016]					

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET, STRAIGHT 2 WALLS
B				angles	linear X.±0.5	MM [INCH]	
					X.X±0.3		
				X°±1°	X.XX±0.1	scale	
				dr	WENDY CHEN 062210		dwg no 20020106 sheet 2 of 3 size A4
				engr	JASON HSU 062210		
				chr	GARY HSIEH 062210		type: CUSTOMER Drawing
				appd	JOSEPH HSIA 062210		
sheet index	revision sheet						

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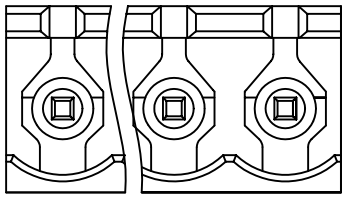
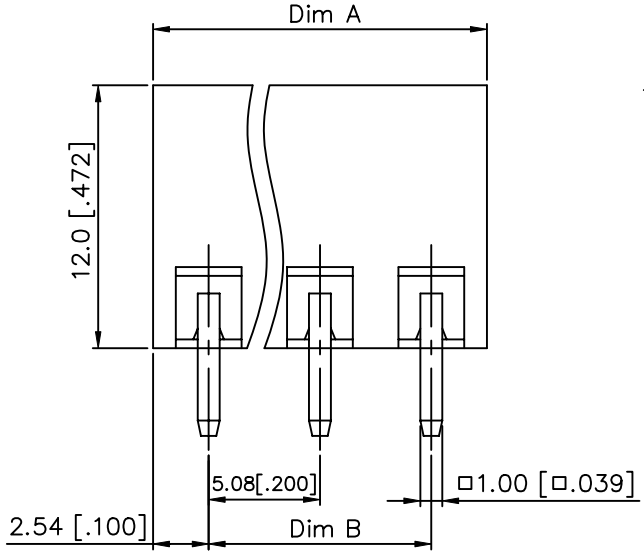
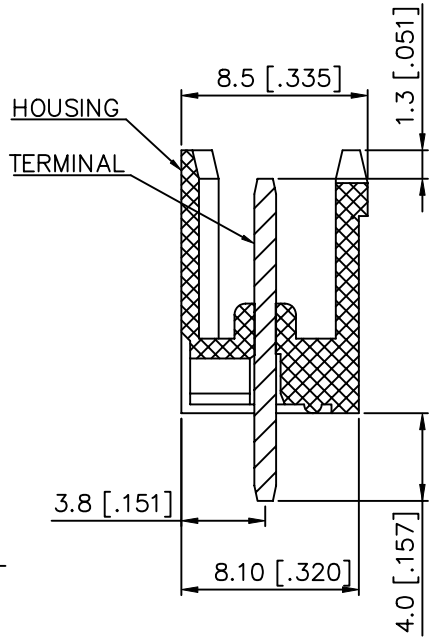
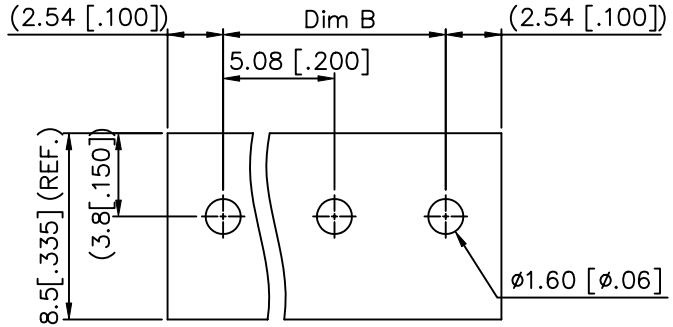
PRODUCT NUMBER	SERIES NAME	PITCH
20020106-HXXXXXXLF	06-508	5.08 mm









RECOMMENDED PCB LAYOUT

POLE		2	3	4	5	6	7	8
DIM.A		10.16[.400]	15.24[.600]	20.32[.800]	25.4[1.000]	30.48[1.200]	35.56[1.400]	40.64[1.600]
DIM.B		5.08[.200]	10.16[.400]	15.24[.600]	20.32[.800]	25.4[1.000]	30.48[1.200]	35.56[1.400]
Tol.	±0.15[.006]							±0.25[.010]

POLE	9	10	11	12	13	14	15	16
DIM.A	45.72[1.800]	50.8[2.000]	55.88[2.200]	60.96[2.400]	66.04[2.600]	71.12[2.800]	76.2[3.000]	81.28[3.200]
DIM.B	40.64[1.600]	45.72[1.800]	50.8[2.000]	55.88[2.200]	60.96[2.400]	66.04[2.600]	71.12[2.800]	76.2[3.000]
Tol.	±0.25[.010]				±0.30[.012]			

POLE	17	18	19	20	21	22	23	24
DIM.A	86.36[3.400]	91.44[3.600]	96.52[3.800]	101.6[4.000]	06.68[4.200]	111.76[4.400]	116.84[4.600]	121.92[4.800]
DIM.B	81.28[3.200]	86.36[3.400]	91.44[3.600]	96.52[3.800]	101.6[4.000]	106.68[4.200]	111.76[4.400]	116.84[4.600]
Tol.	±0.30[.012]		±0.40[.016]					

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET, STRAIGHT 2 WALLS
B				angles	linear: X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr	WENDY CHEN 062210		dwg no: 20020106 sheet 3 of 3 size A4
				engr	JASON HSU 062210		
				chr	GARY HSIEH 062210		type: CUSTOMER Drawing
				appd	JOSEPH HSIA 062210		
sheet index	revision sheet						

form: A4mmXLc

PDM: Rev:B

STATUS: Released

Printed: Oct 17, 2010

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

20020106-G021A01LF 20020106-G031A01LF 20020106-G041A01LF 20020106-G061A01LF 20020106-G081A01LF 20020106-G101A01LF 20020106-H021A01LF 20020106-H031A01LF 20020106-H041A01LF 20020106-H061A01LF 20020106-H081A01LF 20020106-H101A01LF 20020106-G051A01LF 20020106-G071A01LF 20020106-G091A01LF 20020106-G111A01LF 20020106-G121A01LF 20020106-H051A01LF 20020106-H071A01LF 20020106-H091A01LF 20020106-H111A01LF 20020106-H121A01LF 20020106-G131A01LF 20020106-G231A01LF 20020106-H161A01LF 20020106-G171A01LF 20020106-H131A01LF 20020106-G221A01LF 20020106-H221A01LF 20020106-H191A01LF 20020106-G181A01LF 20020106-H181A01LF 20020106-H201A01LF 20020106-H141A01LF 20020106-G241A01LF 20020106-H231A01LF 20020106-G161A01LF 20020106-G201A01LF 20020106-G191A01LF 20020106-H151A01LF 20020106-H211A01LF 20020106-G151A01LF 20020106-G141A01LF 20020106-G211A01LF 20020106-H171A01LF 20020106-G042A01LF 20020106-H241A01LF 20020106-H042A01LF 20020106-H022A01LF

FCI / Amphenol:

20020106-H045A01LF 20020106-G122A01LF 20020106-H063A01LF 20020106-G082A01LF