



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

FCI CONFIDENTIAL

PRODUCT NUMBER
20020316-XXX1B01LF

20020316-□□□1B01LF

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

PROPERTY TABLE

PROPERTY TABLE				
FCI SERIES NAME		21-500	21-508	
PITCH (mm)		5.00	5.08	
VOLTAGE RATING (VAC)		300	300	
CURRENT RATING (A)		16	16	
APPLICABLE WIRE RANGE (AWG)		1-WIRE	12~28	12~28
		2-WIRE	18~28	18~28
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	2.5	2.5
		2-WIRE	1	1
	STRANDED	1-WIRE	1.5	1.5
		2-WIRE	0.75	0.75
OPENING CONTACT HOUSING(mm)		2.1*2.7	2.1*2.7	
WIRE STRIP LENGTH(mm)		6~7	6~7	
TORQUE +/−10% (N-m/Lb-in)		0.40/3.5	0.40/3.5	
SCREW		M3x0.5	M3x0.5	
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				

NOTES:

1. MATERIALS

- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED, COLOR GREEN.
- 1-2 SCREW: STEEL, ZINC PLATED.
- 1-3 CLAMP: BRASS, NICKEL PLATED.
- 1-4 TERMINAL: BRASS, TIN PLATED.

2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.

3. BOXED PACKAGING,

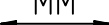
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

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.

			rev	ecn no	dr	date
TOLERANCES UNLESS OTHERWISE SPECIFIED			A	DG09-0203	BF	062509
			B	T09-1148	BF	111709
			C	T09-1152	BF	112609
LINEAR	X.	±0.5	D	T10-0042	WL	030310
	X.X	±0.30	E	T10-0083	WL	062210
	X.XX	±0.10				
ANGULAR	X°	±1°				

Material			Spec ref		*	
Mat code			✓	tolerance	projection 	MM 
Heattreat						
Plating/Finish						
Dr	BEER FU	062509				
Eng	BEER FU	062509	Product family		size A4	Scale
Chr	GARY HSIEH	062509	Model Name		ECN	T10-0083
Appr	JOSEPH HSIA	062509	Model Revision		REL Level	RELEASED
		title TERMINAL BLOCK Fixed horizontal			dwg no 20020316	
Pro/E file		catalog no			CUSTOMER	sheet 1 of 3

REV: 2008-04-17

PDM: Rev:E

STATUS: Released

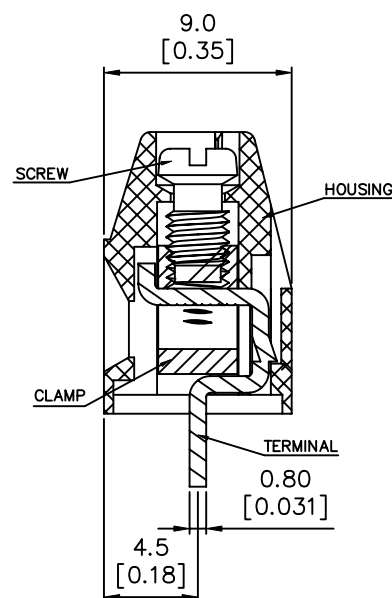
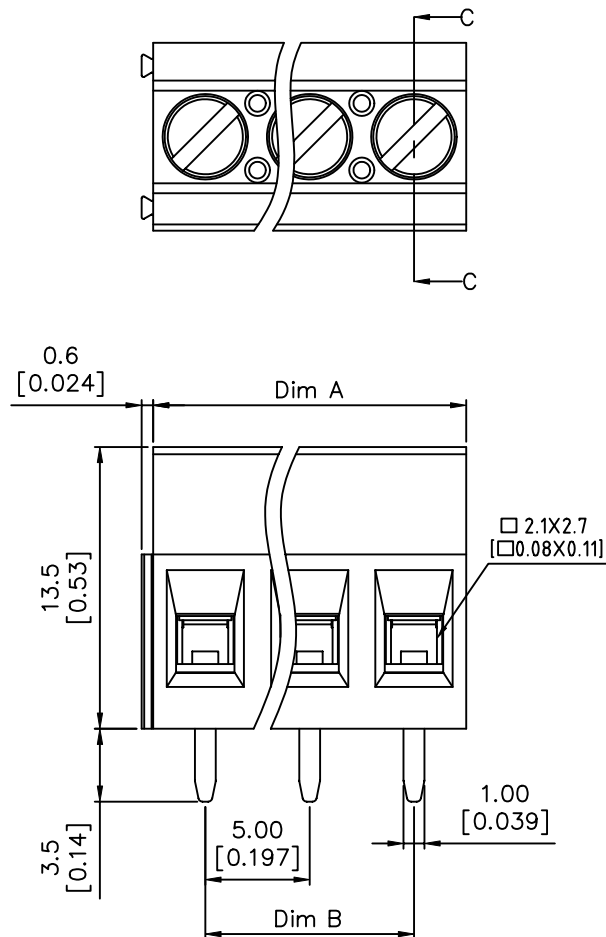
Printed: Jun 26, 2010



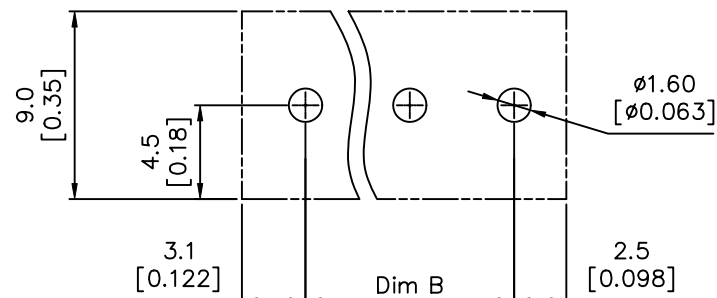
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

FCI CONFIDENTIAL

PRODUCT NUMBER	SERIES NAME	PITCH
20020316-GXX1B01LF	21-500	5.00 mm



SECTION C-C



P.C.B LAYOUT

N = Number of poles
Dim A = $N \times 5.0 [0.197]$
Dim B = $(N-1) \times 5.0 [0.197]$

TOL.	Dim A	Dim B
2-6p	$\pm 0.15 [0.006]$	
7-12p	$\pm 0.25 [0.010]$	
13-16p	$\pm 0.35 [0.014]$	
17-24p	$\pm 0.40 [0.016]$	

Material			Spec ref				
Mat code			✓	tolerance	projection	MM ←————→	
Heattreat							
Plating/Finish							
Dr	BEER FU	062509				size	Scale
Eng	BEER FU	062509	Product family			A4	
Chr	GARY HSIEH	062509	Model Name			ECN	T10-0083
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
		title			dwg no		Rev
		TERMINAL BLOCK			20020316		E
		Fixed horizontal					
Pro/E file		catalog no			CUSTOMER		sheet 2 of 3

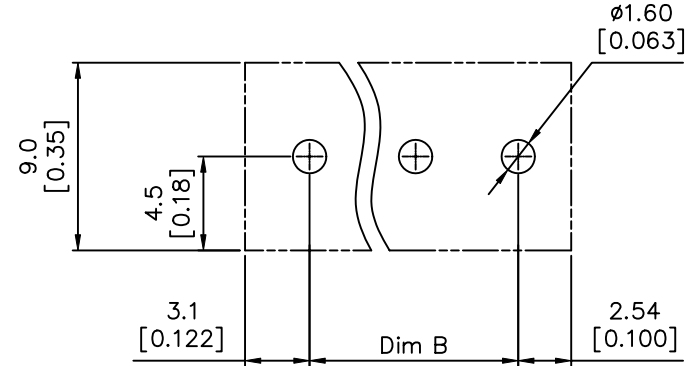
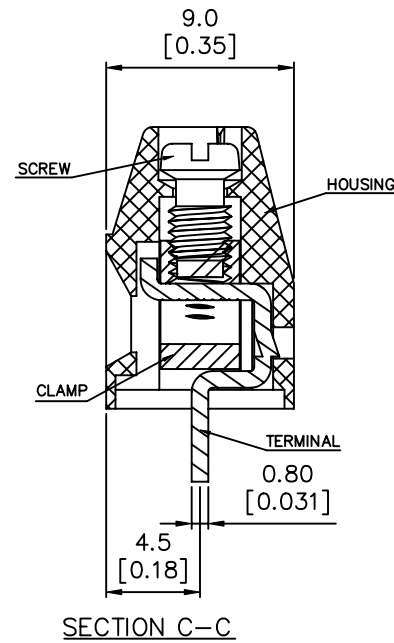
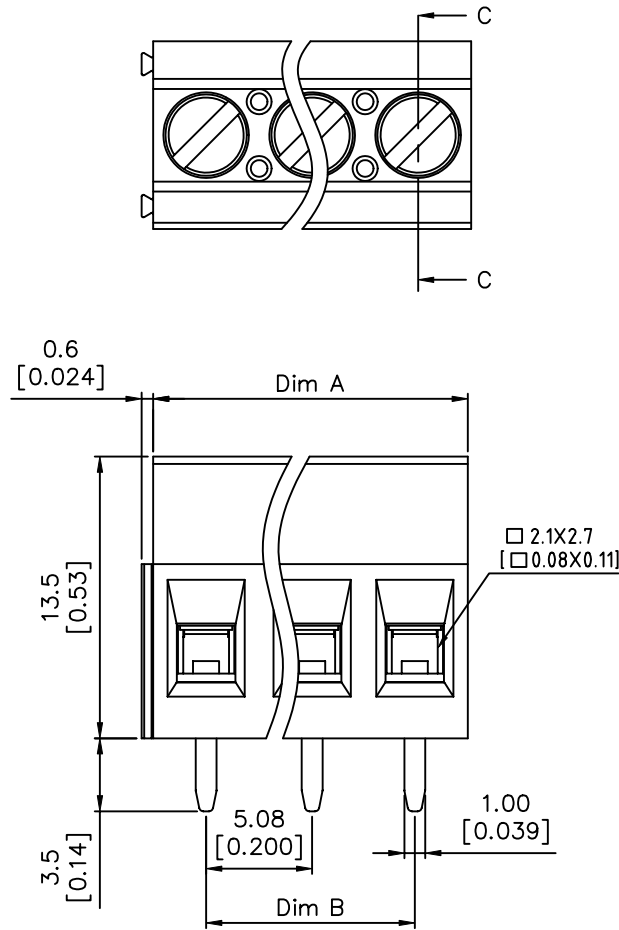
REV: 2008-04-17



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

FCI CONFIDENTIAL

PRODUCT NUMBER	SERIES NAME	PITCH
20020316-HXX1B01LF	21-508	5.08 mm



P.C.B LAYOUT

N = Number of poles
Dim A = $N \times 5.08 [0.200]$
Dim B = $(N-1) \times 5.08 [0.200]$

TOL.	Dim A	Dim B
2-6p	$\pm 0.15 [0.006]$	
7-12p	$\pm 0.25 [0.010]$	
13-16p	$\pm 0.35 [0.014]$	
17-24p	$\pm 0.40 [0.016]$	

Material			Spec ref				
Mat code			✓	tolerance	projection		
Heattreat							
Plating/Finish							
Dr	BEER FU	062509				size	Scale
Eng	BEER FU	062509	Product family			A4	
Chr	GARY HSIEH	062509	Model Name			ECN	T10-0083
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
		title			dwg no		Rev.
		TERMINAL BLOCK			20020316		E
		Fixed horizontal					
Pro/E file		catalog no			CUSTOMER		sheet 3 of 3

REV: 2008-04-17