

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

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
SOLID/STRANDED WIRE (AWG)	12~28	12~28
WIRE CROSS SECTION (mm*mm)	4.0~0.14	4.0~0.14
WIRE STRIP LENGTH(mm)	6~7	6~7
TORQUE (N-m/Lb-in)	0.40/3.5	0.40/3.5
SCREW	M3	M3
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	Pending	FCI US

## NOTES:

- 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.
- PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
- BOXED PACKAGING.  
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
- FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

rev	ecn no	dr	date
A	0609-0803	BF	062509
B	T09-1148	BF	111709
C	T09-1152	BF	112609

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR	X	±0.5	-
	XX	±0.30	-
	XXX	±0.10	-
ANGULAR	X	±1°	-

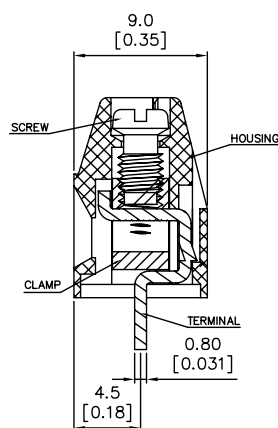
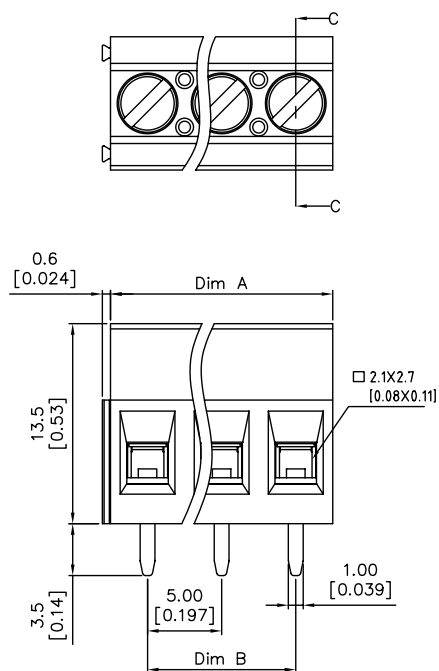
Material			Spec ref *		
Mat code			✓ tolerance		
Heat treat					
Plating/Finish					
Dr	BEER FU	062509			
Eng	BEER FU	062509	Product family		
Chr	GARY HSIEH	062509	Model Name		
Appr	JOSEPH HSIA	062509	Model Revision		
			size A4		Scale
			ECN		T09-1152
			REL Level		RELEASED
			no		
title			20020316		Rev
Fixed horizontal					C
Pro/E file			catalog no		
			CUSTOMER		sheet 1 of 3

PDM: Rev:C

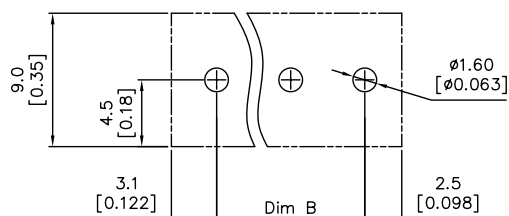
STATUS: Released

Printed: Feb 23, 2010

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\*5.0[0.197]

Dim B=(N-1)\*5.0[0.197]

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

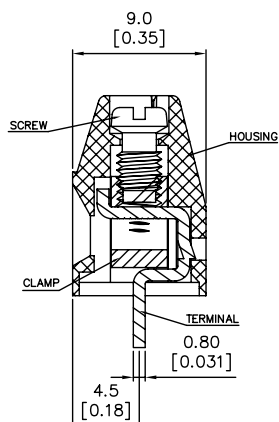
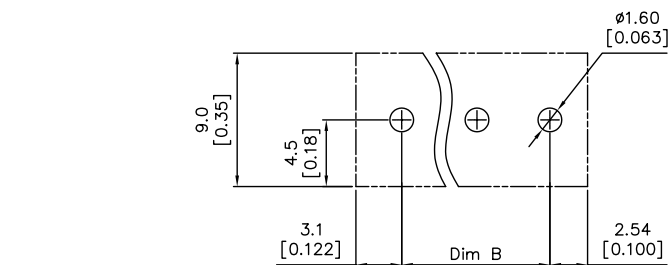
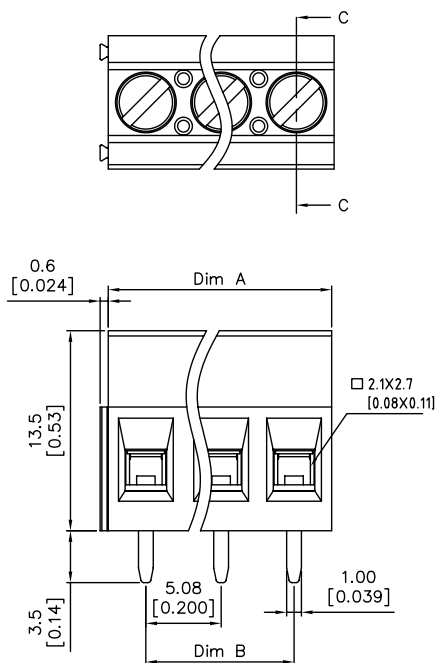
Material			Spec ref				
Mat code			✓	tolerance	projection 	 MM	
Heattreat							
Plating/Finish							
Dr	BEER FU	062509				size A4	Scale
Eng	BEER FU	062509	Product family				
Chr	GARY HSIEH	062509	Model Name				
Appr	JOSEPH HSIA	062509	Model Revision			ECN	T09-1152
						REL Level	RELEASED
	title			no		20020316	Rev C
	Fixed horizontal			dwg			
	catalog no			CUSTOMER			
Pro/E file				sheet 2 of 3			

PDM: Rev:C

STATUS:Released

Printed: Feb 23, 2010

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



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

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

Material	Spec ref	tolerance	projection	MM
Mat code	✓			
Heat treat				
Plating/Finish				
Dr BEER FU 062509	Product family	size A4	Scale	
Eng GARY HSIEH 062509	Model Name	ECN T09-1152		
Appr JOSEPH HSIA 062509	Model Revision	REL Level RELEASED		
FCI	TERMINAL BLOCK	20020316	Rev. C	
Pro/E file	catalog no	CUSTOMER	sheet 3 of 3	

PDM: Rev:C

STATUS: Released

Printed: Feb 23, 2010