

PRODUCT NUMBER
20020110-XXX1A01LF

20020110-□□□1A01LF

PITCH

C: 3.50 mm
D: 3.81 mm
G: 5.00 mm
H: 5.08 mm

POLES

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

PROPERTY TABLE

FCI SERIES NAME	06-350	06-381	06-500	06-508
PITCH (mm)	3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)	300	300	300	300
CURRENT RATING (A)	10	10	12	12
WITHSTANDING VOLTAGE (kV)	1.6	1.6	1.6	1.6
OPERATING TEMP. (°C)	-40~115	-40~115	-40~115	-40~115
SOLDERING TEMP. (°C)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE	02~24	02~24	02~24	02~24
SAFETY CERTIFICATE	cAus		Pending	

NOTES:

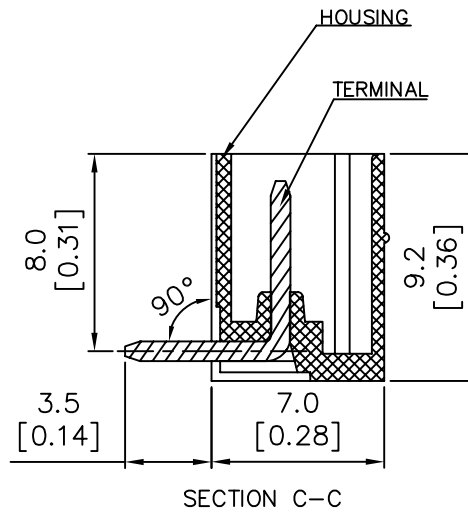
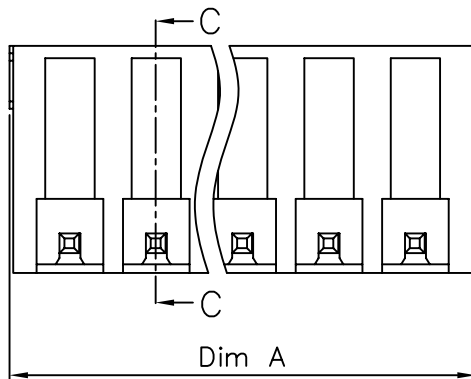
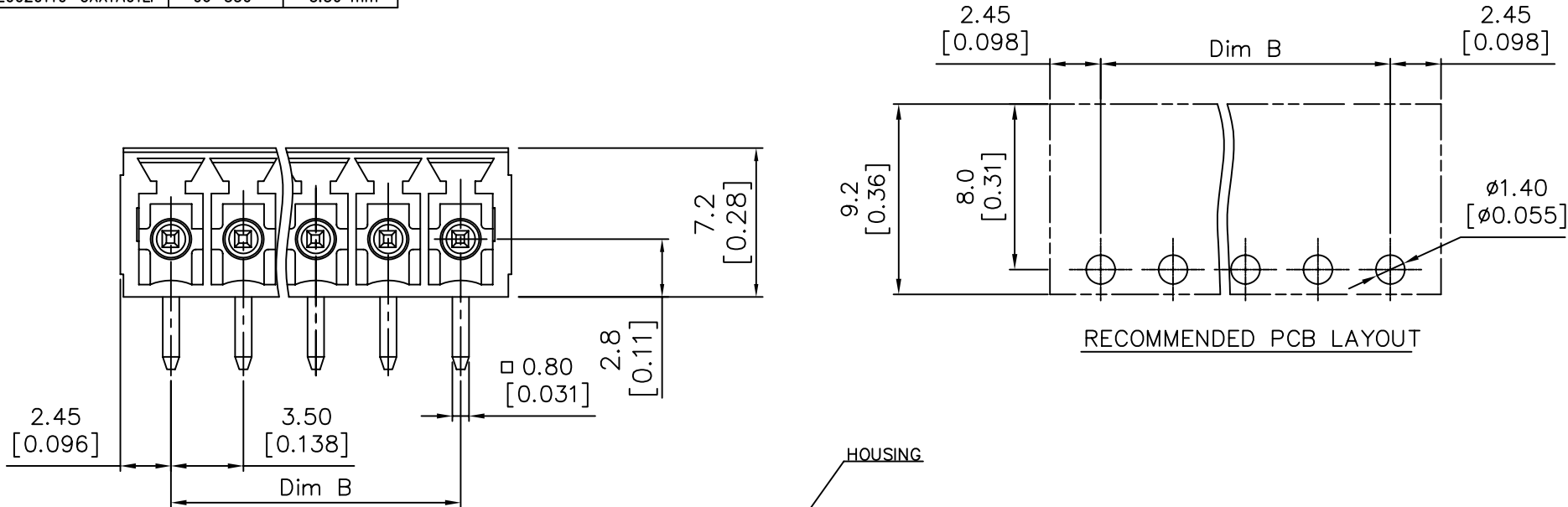
- MATERIALS
1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED, COLOR GREEN.
1-2 TERMINAL: COPPER, TIN PLATED.
- PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
- BOXED PACKAGING,
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
- FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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

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			ECN T09-1152			
Appr	JOSEPH HSIA	062509	Model Revision			REL Level RELEASED			
		title			dwg no			20020110	Rev.
		TERMINAL BLOCK							C
		Pluggable socket, right angle							
Pro/E file		catalog no			CUSTOMER			sheet 1 of 5	

REV F: 2008-04-17

PRODUCT NUMBER	SERIES NAME	PITCH
20020110-CXX1A01LF	06-350	3.50 mm

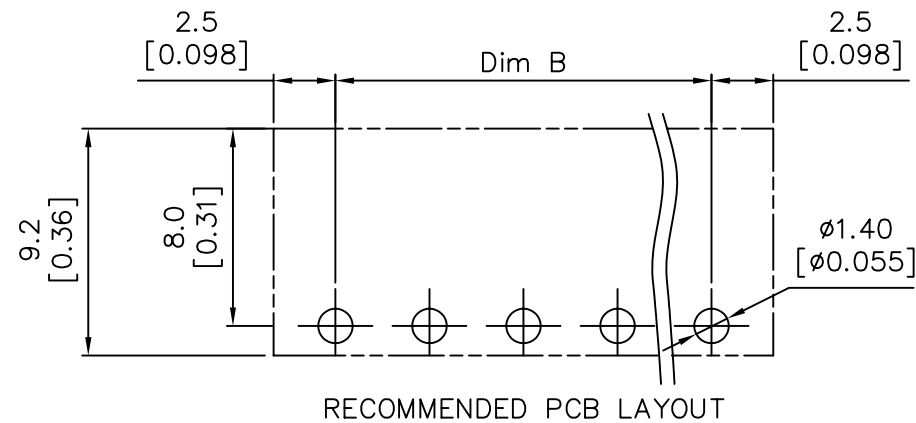
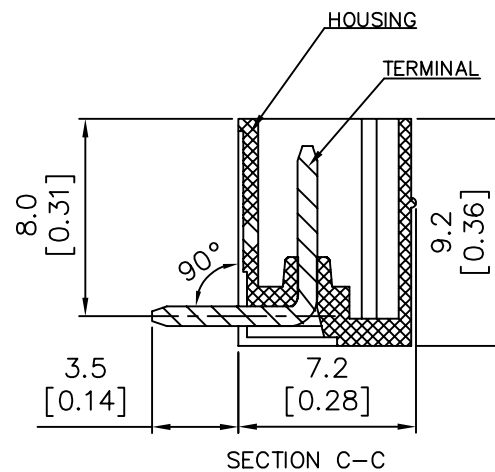
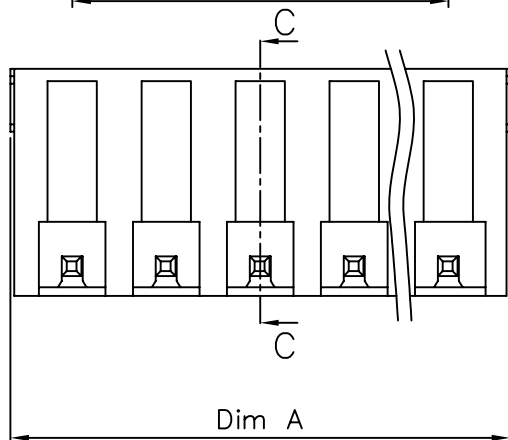
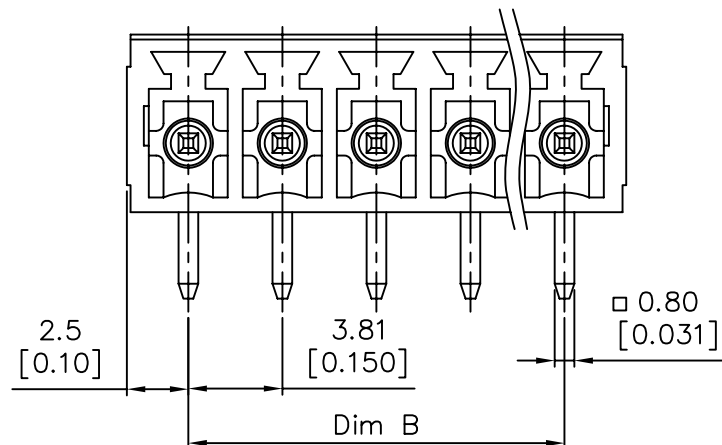


N = Number of poles
 Dim A = Dim B + 4.9 [0.193]
 Dim B = (N - 1) x 3.5 [0.138]

TOL.	Dim A	Dim B
2-6p	± 0.15 [0.006]	
7-12p	± 0.20 [0.008]	
13-18p	± 0.25 [0.010]	
19-24p	± 0.30 [0.012]	

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			ECN T09-1152		
Appr	JOSEPH HSIA	062509	Model Revision			REL Level RELEASED		
		title			dwg no		Rev.	
		TERMINAL BLOCK			20020110		C	
		Pluggable socket, right angle						
Pro/E file		catalog no			CUSTOMER		sheet 2 of 5	

PRODUCT NUMBER	SERIES NAME	PITCH
20020110-DXX1A01LF	06-381	3.81 mm

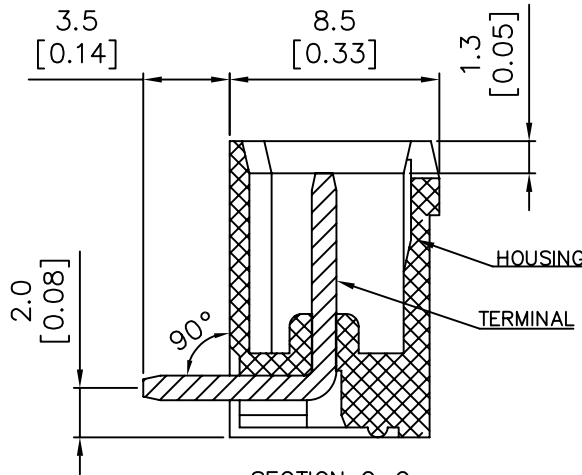
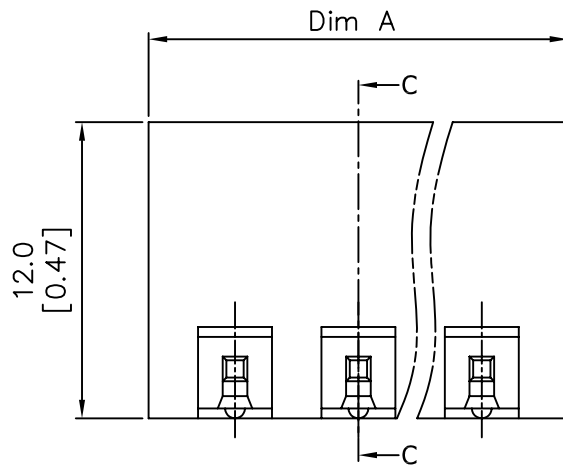
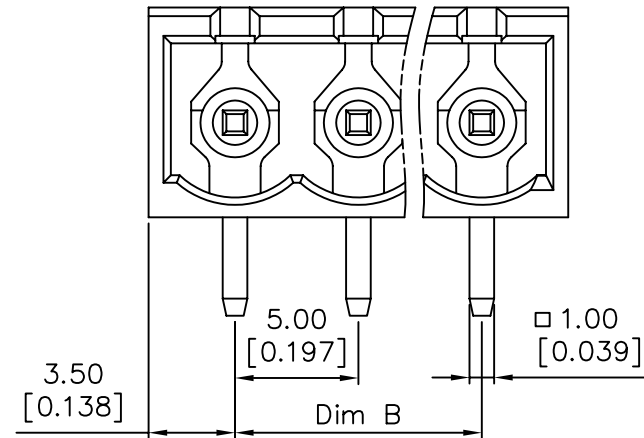


N = Number of poles
Dim A = Dim B + 5.0 [0.197]
Dim B = (N - 1) x 3.81 [0.150]

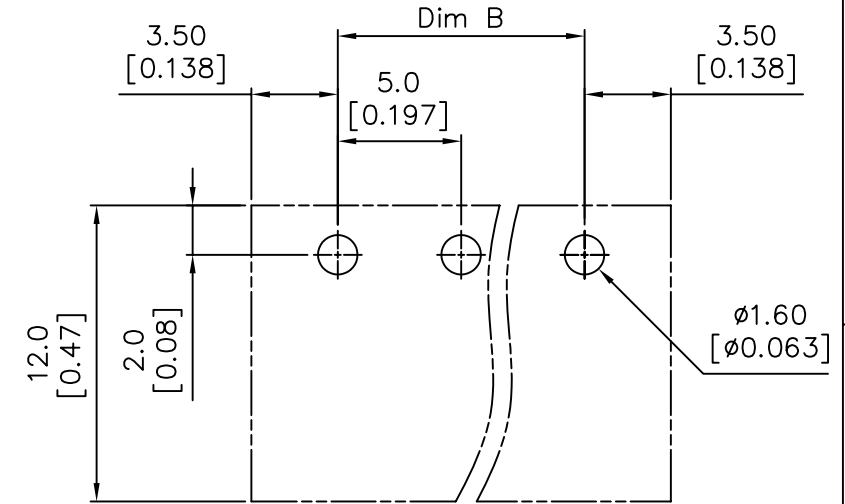
TOL.	Dim A	Dim B
2-6p	±0.15 [0.006]	
7-12p	±0.20 [0.008]	
13-16p	±0.25 [0.010]	
17-24p	±0.30 [0.012]	

Material			Spec ref				
Mat code			✓	tolerance	projection 	MM ←————→	
Heat treat							
Plating/Finish							
Dr	BEER FU	062509				size	Scale
Eng	BEER FU	062509	Product family			A4	
Chr	GARY HSIEH	062509	Model Name			ECN	T09-1152
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
	title TERMINAL BLOCK Pluggable socket, right angle				dwg no 20020110		Rev C
Pro/E file	catalog no				CUSTOMER		sheet 3 of 5

PRODUCT NUMBER	SERIES NAME	PITCH
20020110-GXX1A01LF	06-500	5.00 mm



SECTION C-C



RECOMMENDED PCB LAYOUT

N = Number of poles
Dim A = $N \times 5.0 [0.197] + 2.0 [0.193]$
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	A4	Scale	
Eng	BEER FU	062509	Product family						
Chr	GARY HSIEH	062509	Model Name			ECN		T09-1152	
Appr	JOSEPH HSIA	062509	Model Revision			REL Level		RELEASED	
	title	TERMINAL BLOCK			dwg no		20020110		Rev.
		Pluggable socket, right angle							C
Pro/E file	catalog no				CUSTOMER		sheet 4 of 5		

