

PRODUCT NUMBER
20020107-XXX1A01LF

20020107-□□□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
—
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	 us		Pending	

NOTES:




1. MATERIALS

1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED, COLOR GREEN.
1-2 TERMINAL: COPPER, TIN PLATED.

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

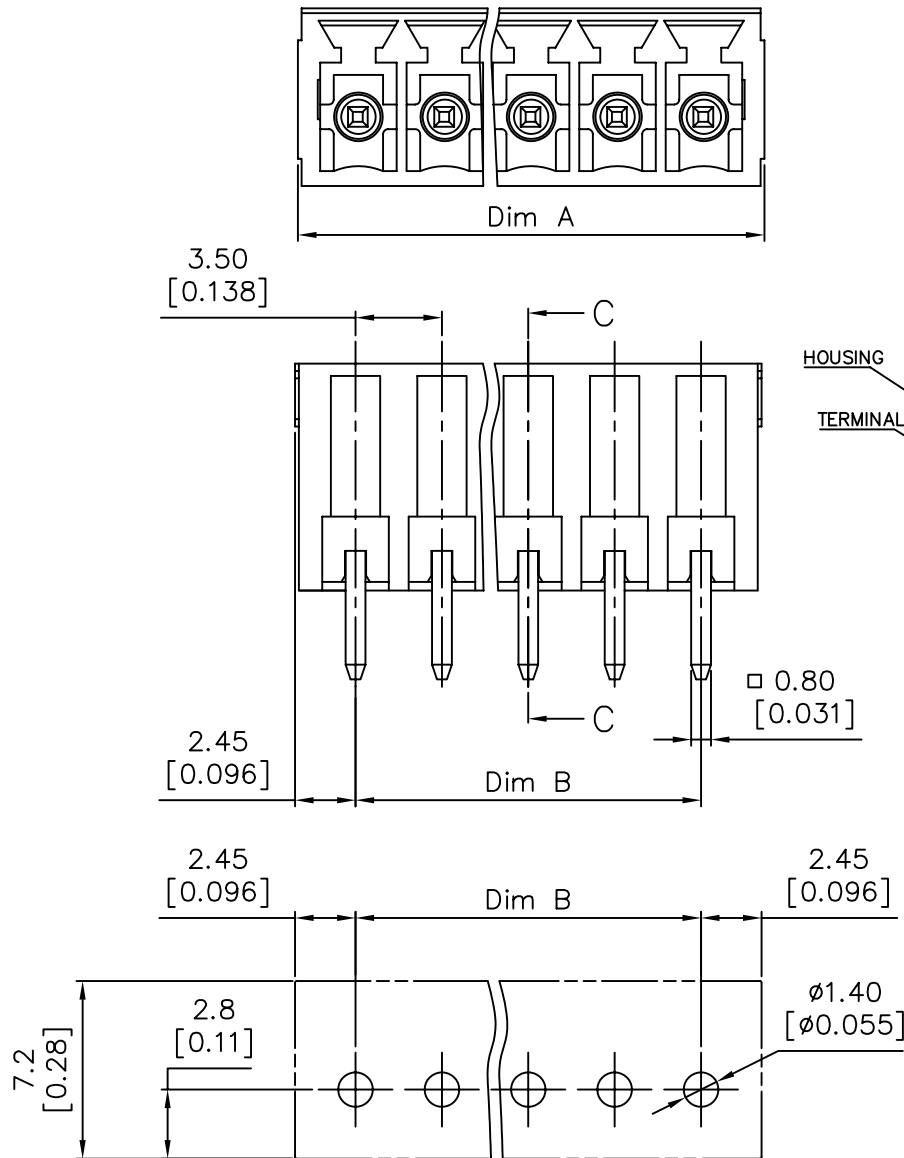
3. BOXED PACKAGING,
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON
PRODUCT SURFACE.

		rev	ecn no	dr	date
TOLERANCES UNLESS OTHERWISE SPECIFIED	LINEAR	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			
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	20020107	Rev. C
				Pluggable socket, straight				
Pro/E File		catalog no		CUSTOMER			sheet 1 of 5	






PRODUCT NUMBER	SERIES NAME	PITCH
20020107-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]	

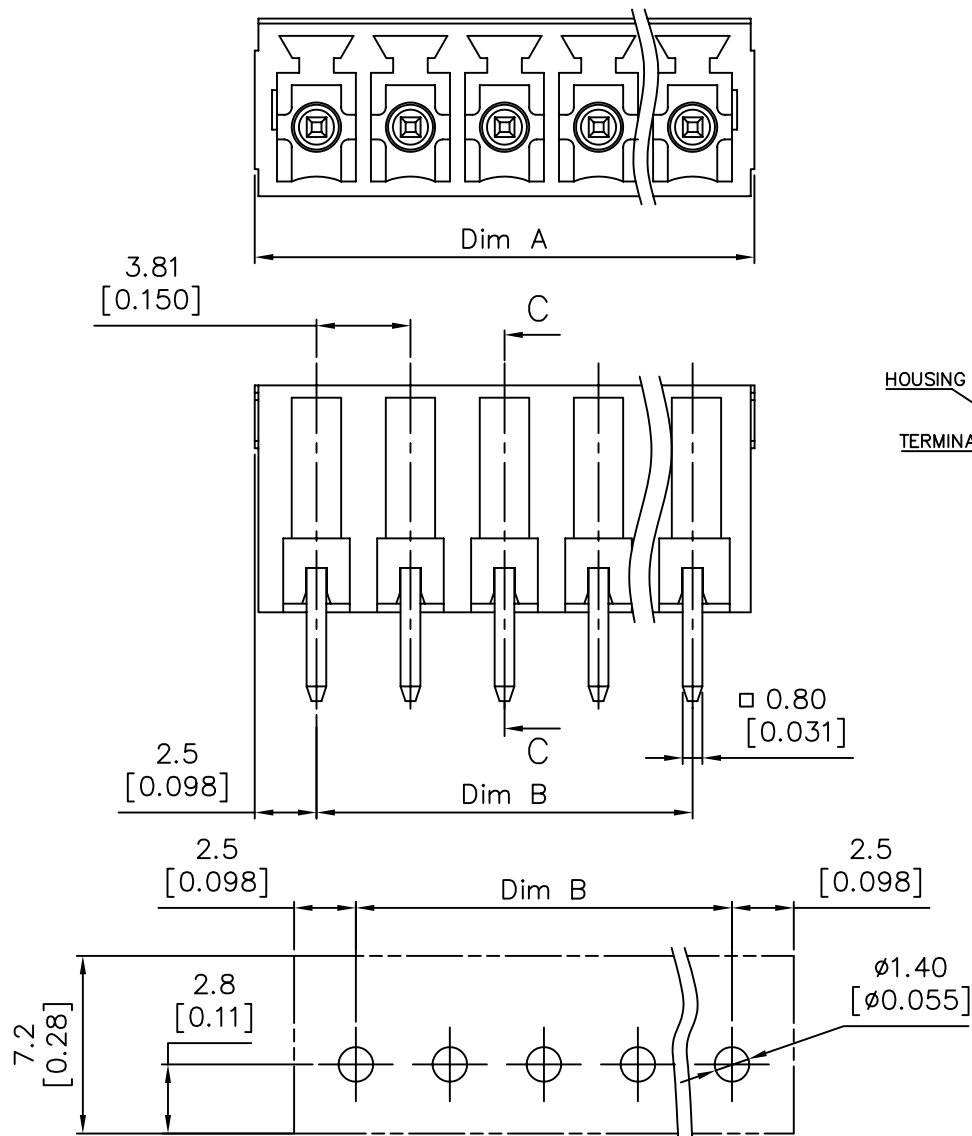
SECTION C-C

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			dwg no		Rev.
			TERMINAL BLOCK			20020107		C
			Pluggable socket, straight					
Pro/E file		catalog no			CUSTOMER		sheet 2 of 5	

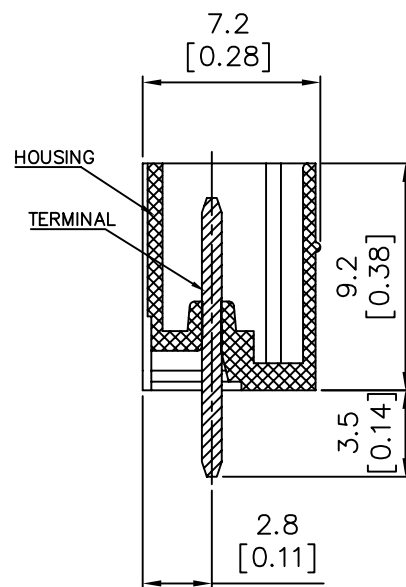


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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-DXX1A01LF	06-381	3.81 mm





RECOMMENDED PCB LAYOUT



SECTION C-C

N = Number of poles
Dim A=Dim B+5.0[0.197]
Dim B=(N-1)x3.81[0.150]

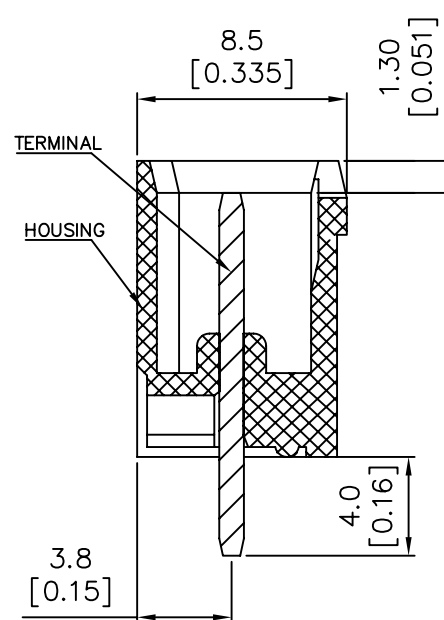
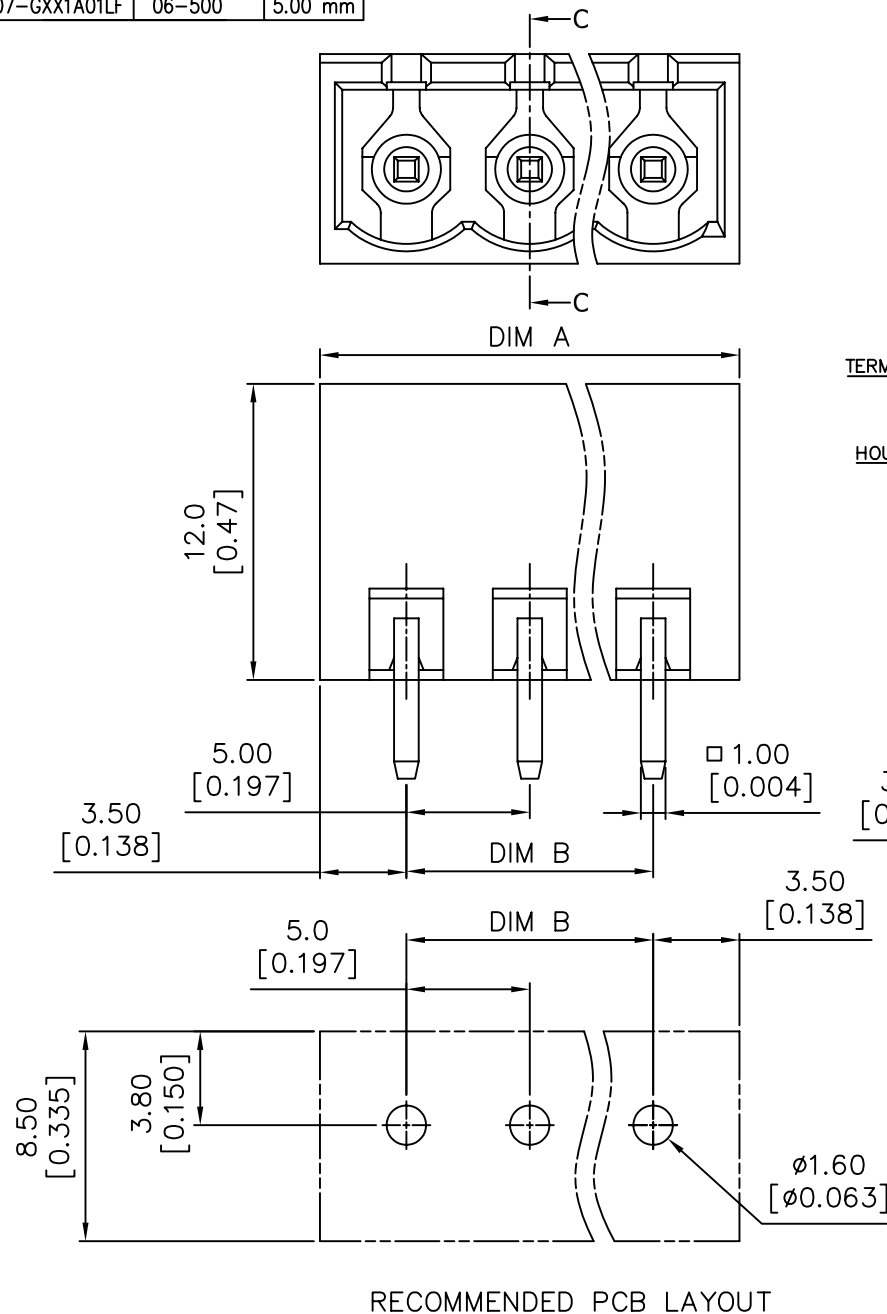
TOL.	Dim A	Dim E
2-6p	$\pm 0.15[0.006]$	
7-12p	$\pm 0.20[0.008]$	
13-16p	$\pm 0.25[0.010]$	
17-24p	$\pm 0.30[0.012]$	

Material			Spec ref		
Mat code			✓	tolerance	projection 
Heattreat					
Plating/Finish					
Dr	BEER FU	062509	size A4		
Eng	BEER FU	062509			
Product family			Scale		
Chr	GARY HSIEH	062509	Model Name		ECN T09-1152
Appr	JOSEPH HSIA	062509	Model Revision		REL Level RELEASED
	title		20020107		Rev
	TERMINAL BLOCK Pluggable socket, straight				C
Pro/E file	catalog no		CUSTOMER		sheet 3 of 5



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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-GXX1A01LF	06-500	5.00 mm



SECTION C-C

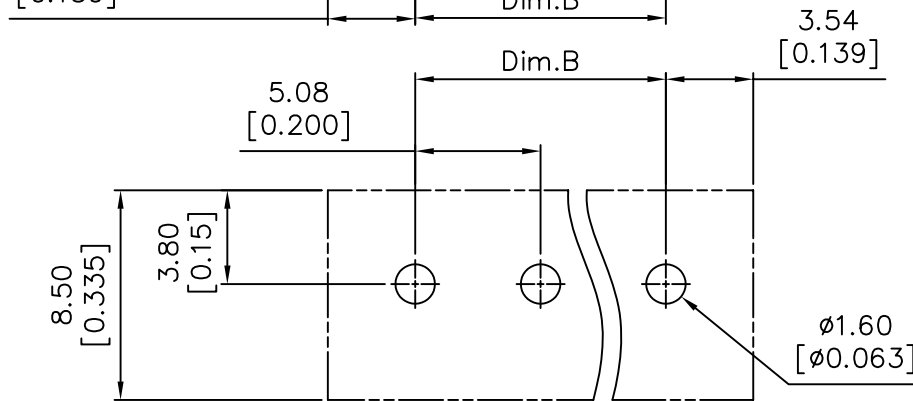
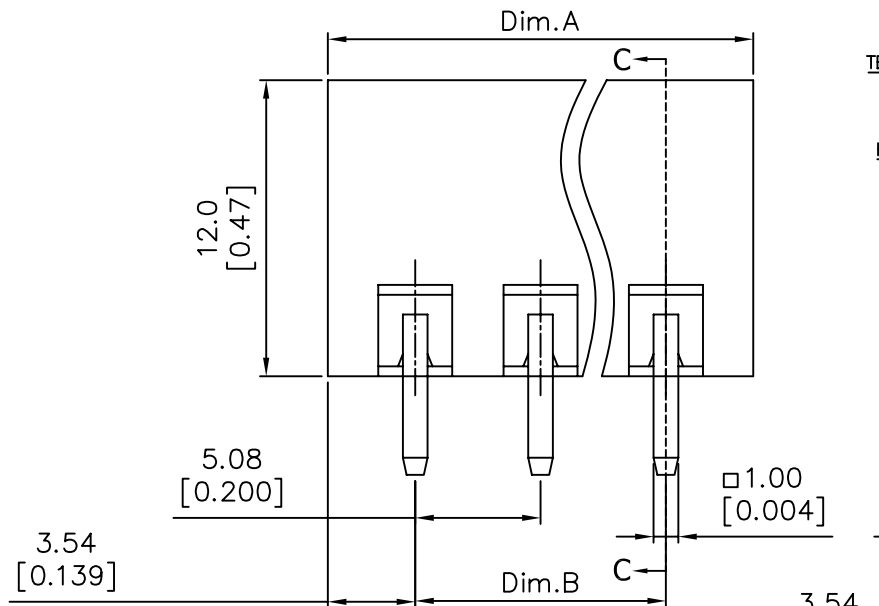
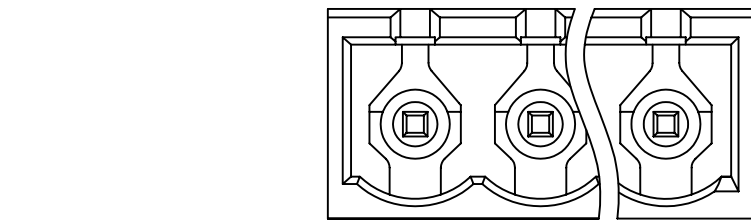
```
N = Number of poles
Dim A=N*5.0[0.197]+2.0[0.193]
Dim B=(N-1)x5.0[0.197]
```

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

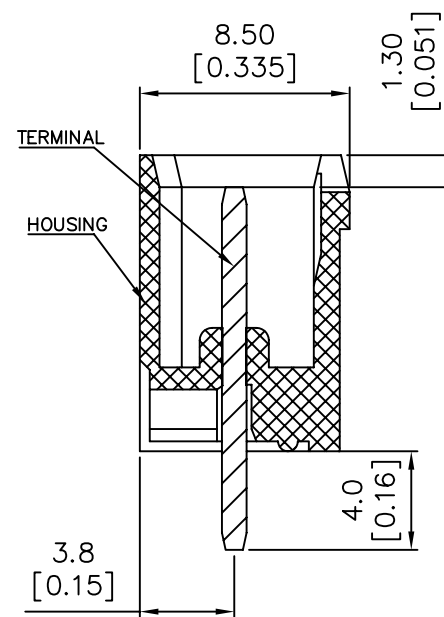
Material			Spec ref					
Mat code			✓	tolerance	projection 		MM	
Heattreat								
Plating/Finish								
Dr	BEER FU	062509				size	A4	Scale
Eng	BEER FU	062509	Product family					
Chr	GARY HSIEH	062509	Model Name			ECN	T09-1152	
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED	
	title	TERMINAL BLOCK			dwg no	20020107		Re
		Pluggable socket, straight						C
Pro/E file	catalog no				CUSTOMER		sheet 4 of 5	



PRODUCT NUMBER	SERIES NAME	PITCH
20020107-HXX1A01LF	06-508	5.08 mm



RECOMMENDED PCB LAYOUT



SECTION C-C

N = Number of poles
Dim A = $N \times 5.08 [0.200] + 2.0 [0.193]$
Dim B = $(N-1) \times 5.08 [0.200]$

TOL.	Dim A	Dim B
2-6p	$\pm 0.15 [0.006]$	
7-12p	$\pm 0.25 [0.010]$	
13-18p	$\pm 0.35 [0.014]$	
19-24p	$\pm 0.40 [0.016]$	

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			dwg no		Rev.	
		TERMINAL BLOCK			20020107		C	
		Pluggable socket, straight						
Pro/E file		catalog no			CUSTOMER		sheet 5 of 5	