

FCI CONFIDENTIAL

PRODUCT NUMBER
20020107-XXX1A01LF

20020107- □ □ □ 1 A 0 1 L F


PITCH

POLES

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

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			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.



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Material		Spec ref *			
Mat code		tolerance	projection	MM	
Heattreat				⊕	
Plating/Finish		size	A4	Scale	
Dr	BEER FU 062509				
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		Rev.	
		TERMINAL BLOCK		C	
		Pluggable socket, straight		chg no 20020107	
Pro/E file		catalog no		CUSTOMER sheet 1 of 5	

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

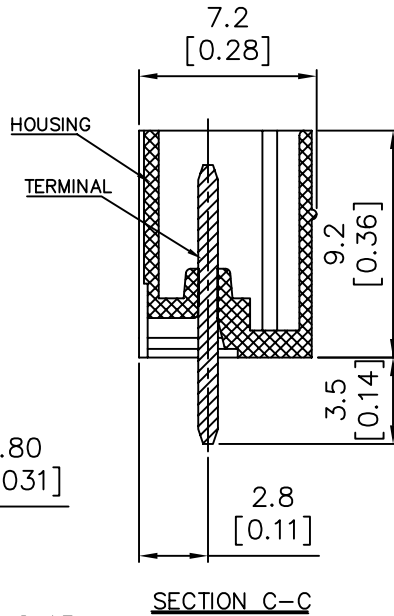
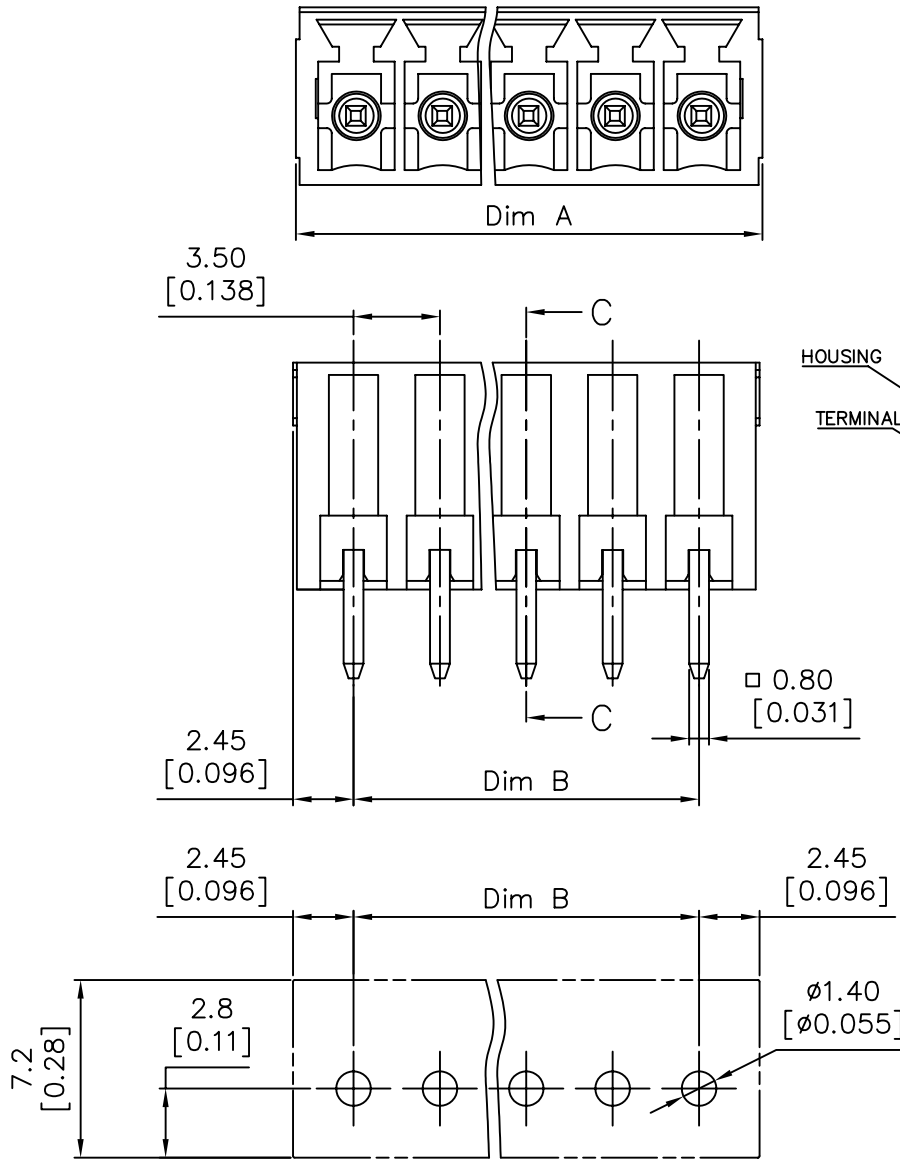
REV F: 2009-04-17

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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]	

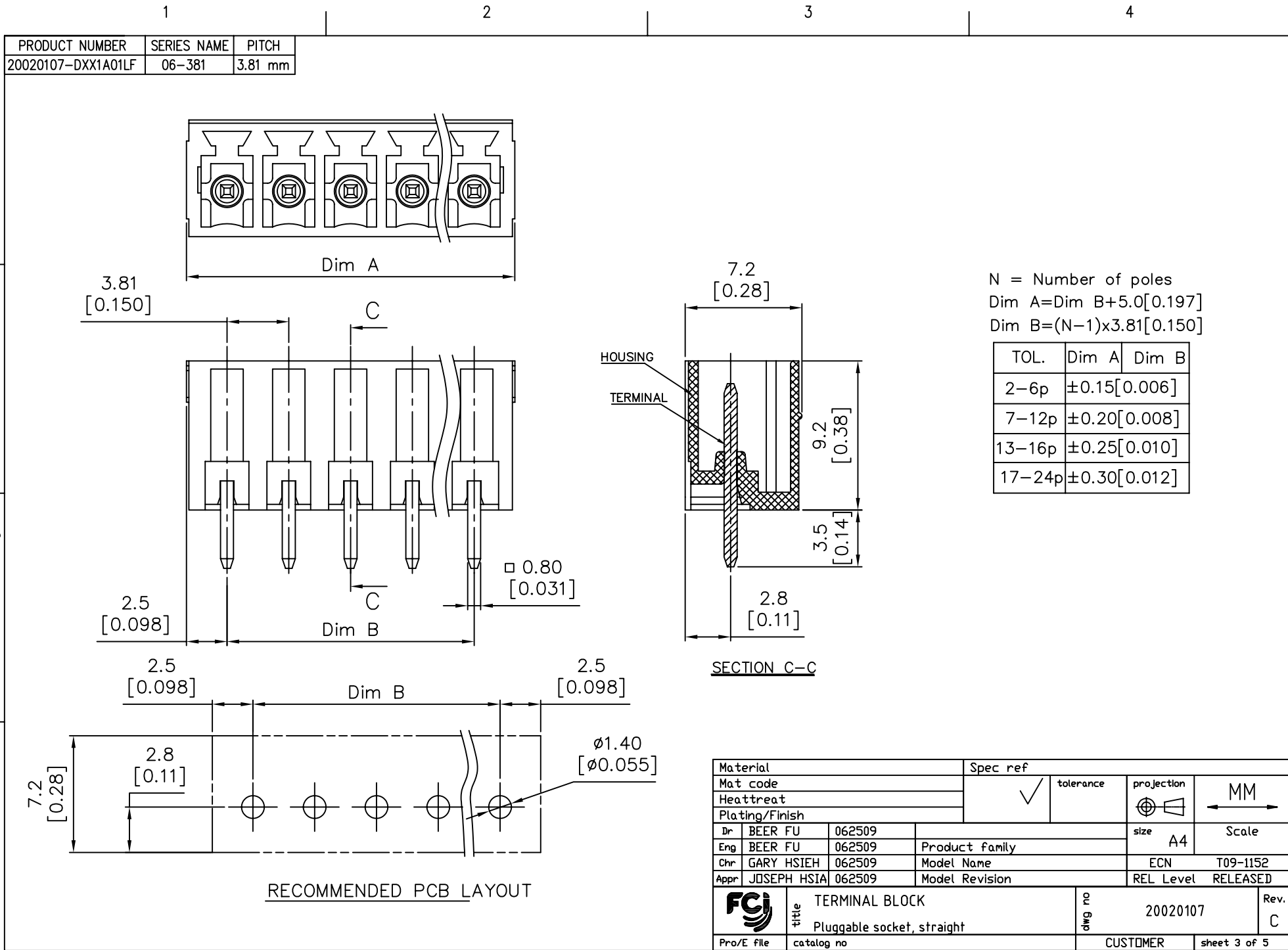
Material		Spec ref		
Mat code		tolerance	projection	MM
Heattreat				
Plating/Finish		size	A4	Scale
Dr	BEER FU 062509			
Eng	BEER FU 062509	Product family		
Chr	GARY HSIEH 062509	Model Name		ECN T09-1152
Appr	JOSEPH HSIA 062509	Model Revision		REL Level RELEASED
FCI		title		Rev.
		TERMINAL BLOCK		C
		Pluggable socket, straight		
Pro/E file		catalog no		chg no
		CUSTOMER		20020107
		sheet 2 of 5		

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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
Heattreat			MM
Plating/Finish		size	Scale
Dr	BEER FU 062509		A4
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	Rev.
		TERMINAL BLOCK	C
		Pluggable socket, straight	
Pro/E file	catalog no	chg no	sheet 3 of 5
		CUSTOMER	

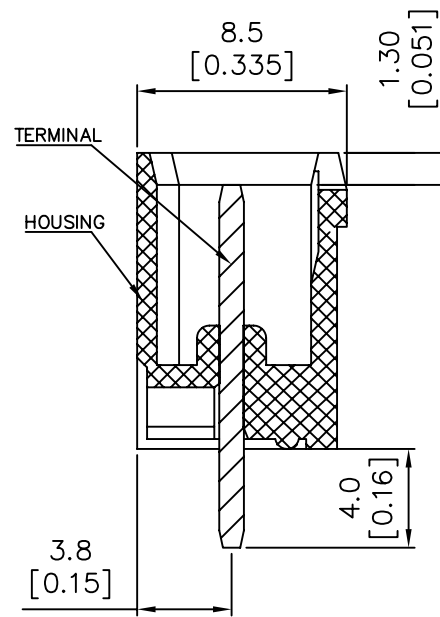
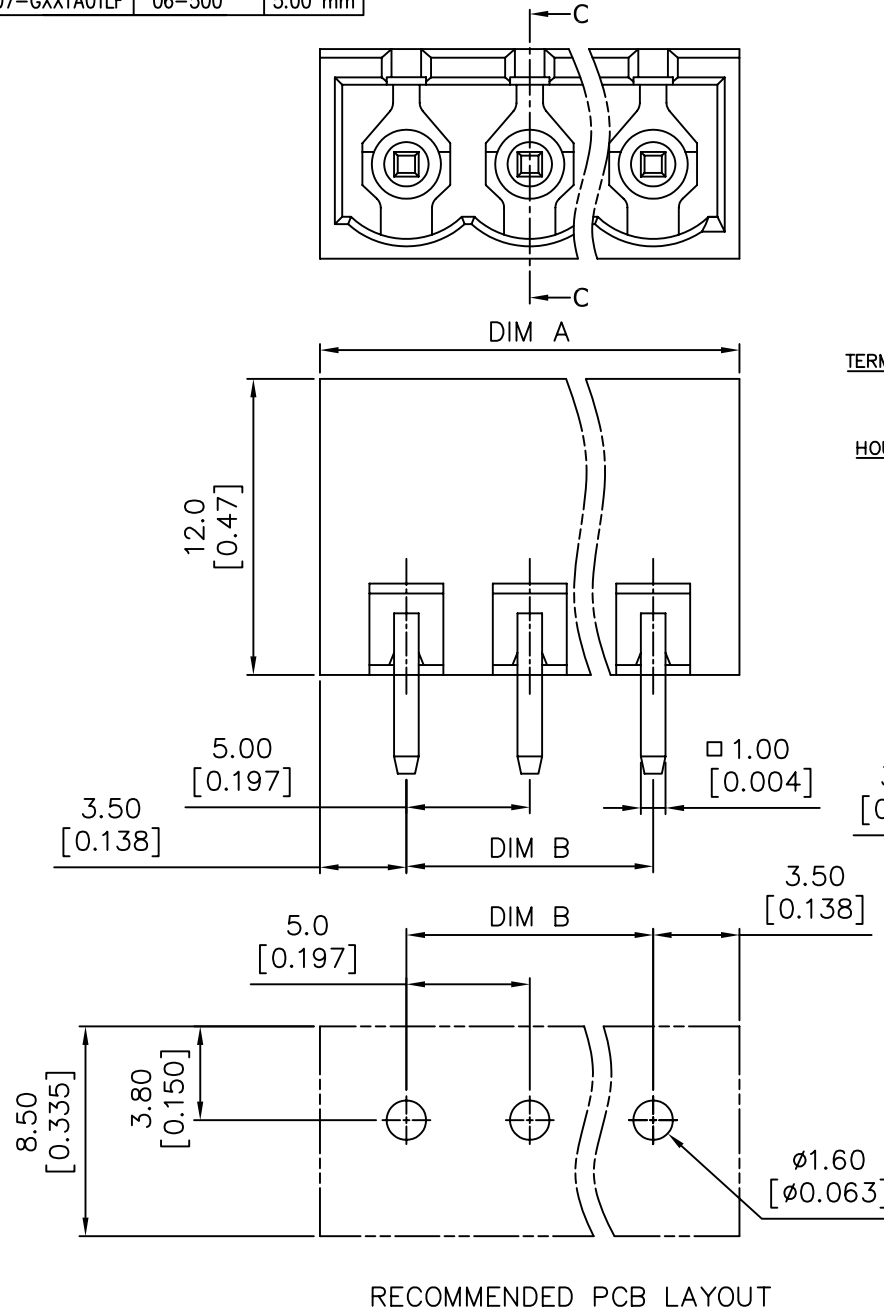
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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-GXX1A01LF	06-500	5.00 mm



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		size	A4	Scale
Dr	BEER FU 062509			
Eng	BEER FU 062509	Product family		
Chr	GARY HSIEH 062509	Model Name		ECN T09-1152
Appr	JOSEPH HSIA 062509	Model Revision		REL Level RELEASED
FCI		title		Rev.
TERMINAL BLOCK		Pluggable socket, straight		C
Pro/E file	catalog no	chg no	20020107	
CUSTOMER		sheet 4 of 5		

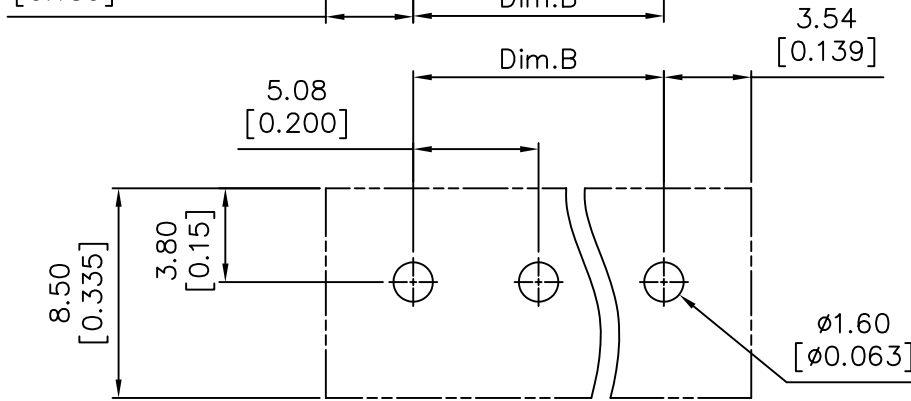
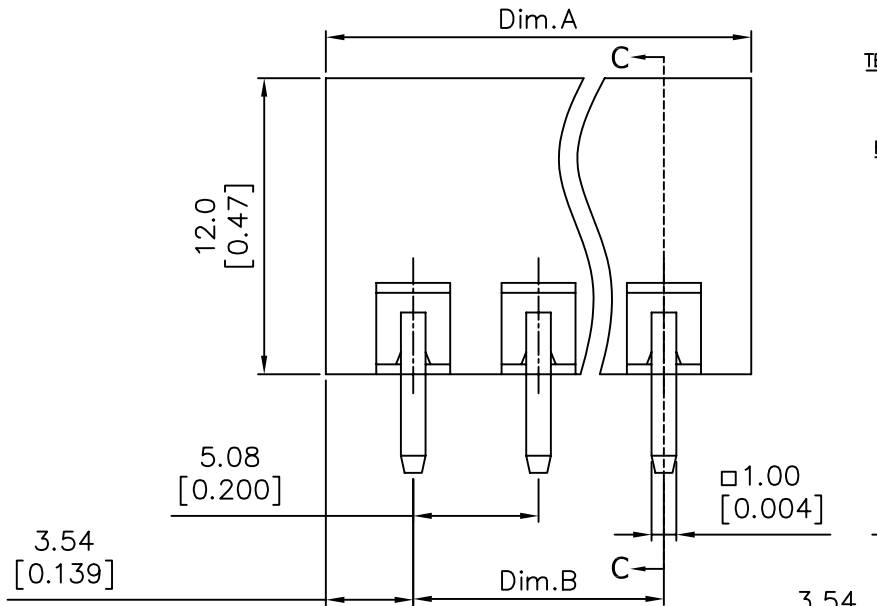
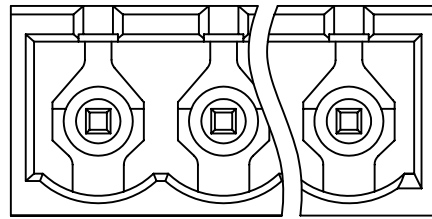
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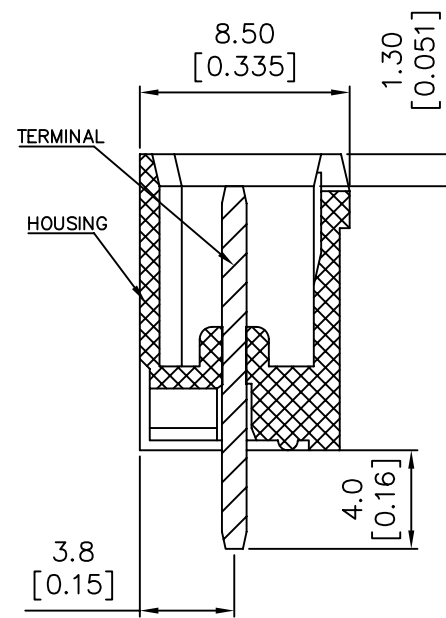


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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-HXX1A01LF	06-508	5.08 mm



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		size	A4	Scale
Dr	BEER FU 062509			
Eng	BEER FU 062509	Product family		
Chr	GARY HSIEH 062509	Model Name		ECN T09-1152
Appr	JOSEPH HSIA 062509	Model Revision		REL Level RELEASED
FCI	title		dwg no	Rev.
	TERMINAL BLOCK			
Pro/E file	catalog no		CUSTOMER	sheet 5 of 5

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