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PRODUCT NUMBER
20020107-XXX1A01LF

20020107 - [] [] [] 1 A 0 1 L F

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

LF: DENOTED RoHS COMPATIBLE

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				

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.
- THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

Material		Spec ref *			
Mat code		tolerance	projection	MM	
Heattreat		✓		← MM →	
Plating/Finish					
Dr	BEER FU 062509		size	A4	Scale
Eng	BEER FU 062509	Product family			
Chr	GARY HSIEH 062509	Model Name		ECN T10-0042	
Appr	JOSEPH HSIA 062509	Model Revision		REL Level RELEASED	
	title	TERMINAL BLOCK		dwg no	20020107
		Pluggable socket, straight		Rev.	D
Pro/E file	catalog no	CUSTOMER		sheet 1 of 5	

		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	-	-	-
	X.XX	±0.10	-	-	-
ANGULAR	X'	±1'	-	-	-

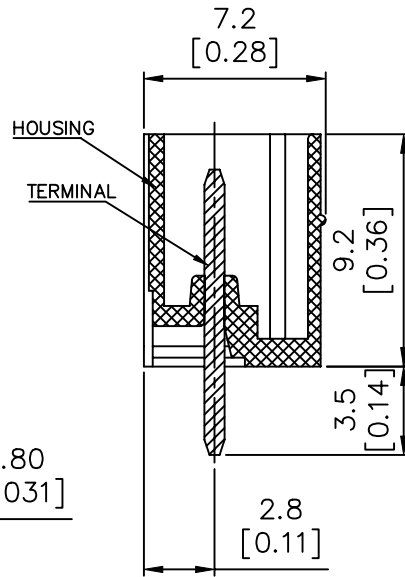
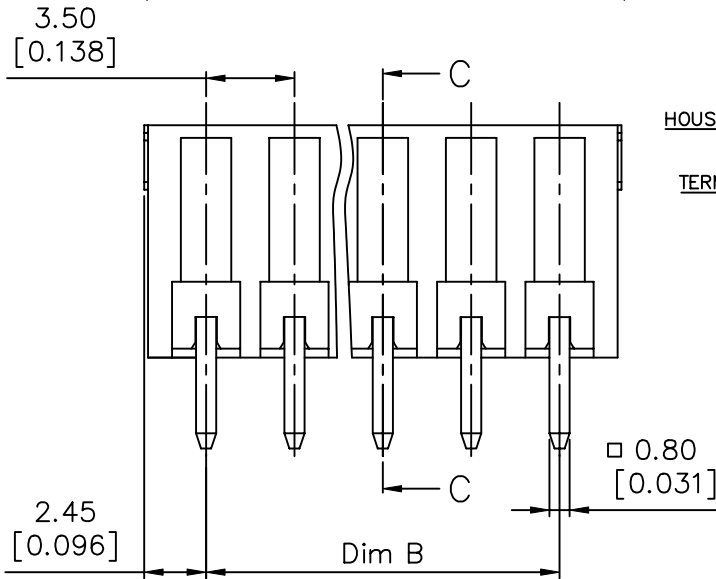
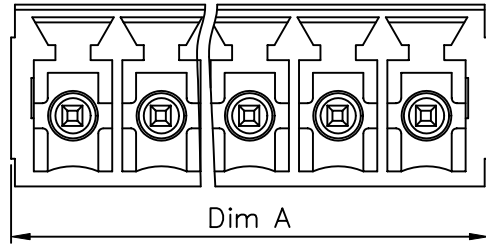
REV: 2008-04-17

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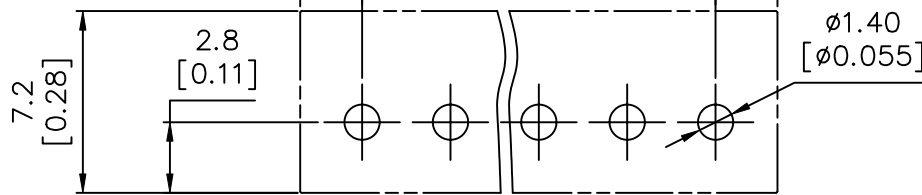
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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-CXX1A01LF	06-350	3.50 mm



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]	



RECOMMENDED PCB LAYOUT

Material		Spec ref		
Mat code		✓	tolerance	projection
Heattreat				MM
Plating/Finish			⊕	← MM
Dr	BEER FU 062509		size	A4
Eng	BEER FU 062509	Product family		Scale
Chr	GARY HSIEH 062509	Model Name		ECN T10-0042
Appr	JOSEPH HSIA 062509	Model Revision		REL Level RELEASED
		title		dwg no
		TERMINAL BLOCK		20020107
		Pluggable socket, straight		Rev. D
Pro/E file	catalog no	CUSTOMER		sheet 2 of 5

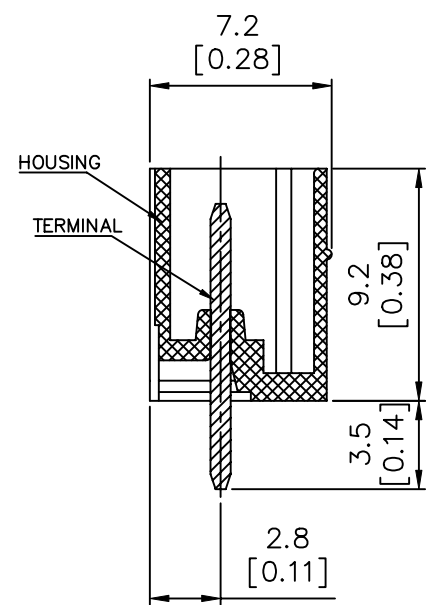
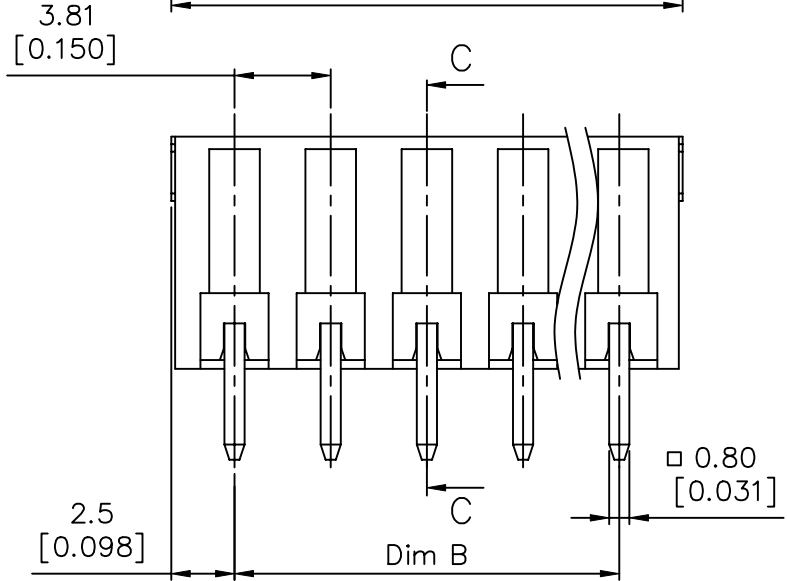
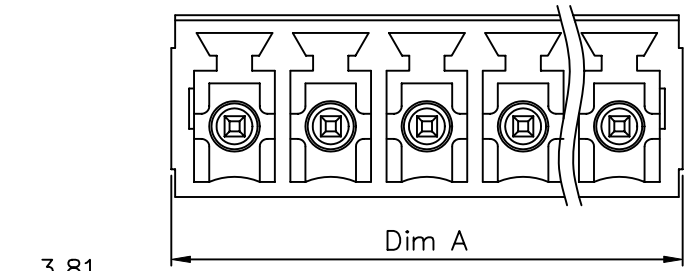
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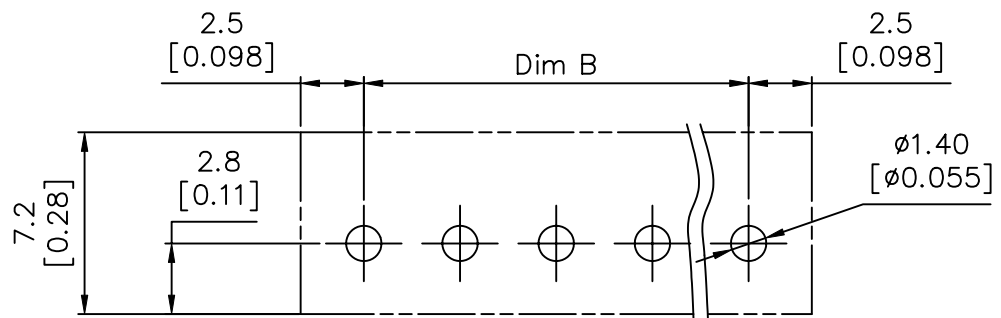
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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-DXX1A01LF	06-381	3.81 mm



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]	



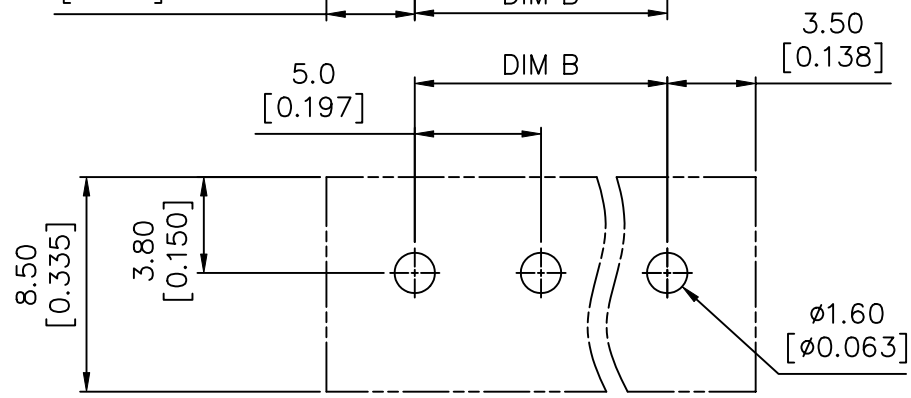
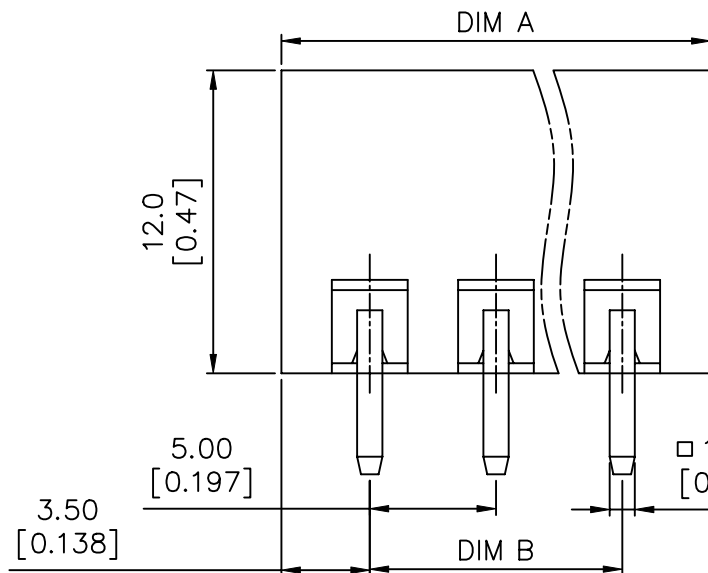
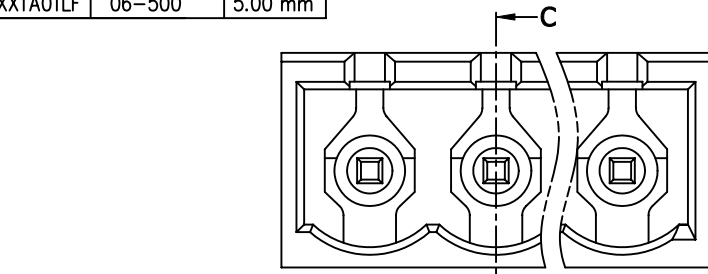
RECOMMENDED PCB LAYOUT

Material		Spec ref		
Mat code		✓	tolerance	projection
Heattreat				MM
Plating/Finish			⊕	← MM →
Dr	BEER FU 062509		size	A4
Eng	BEER FU 062509	Product family		Scale
Chr	GARY HSIEH 062509	Model Name		ECN T10-0042
Appr	JOSEPH HSIA 062509	Model Revision		REL Level RELEASED
FCI title		TERMINAL BLOCK		dwg no
		Pluggable socket, straight		
Pro/E file		catalog no		20020107
		CUSTOMER		Rev. D
		sheet 3 of 5		

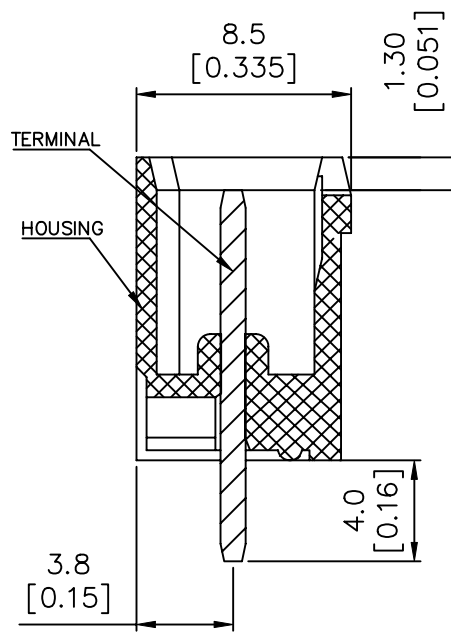
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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-GXX1A01LF	06-500	5.00 mm



RECOMMENDED PCB LAYOUT



SECTION C-C

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

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	$\pm 0.40 [0.016]$	

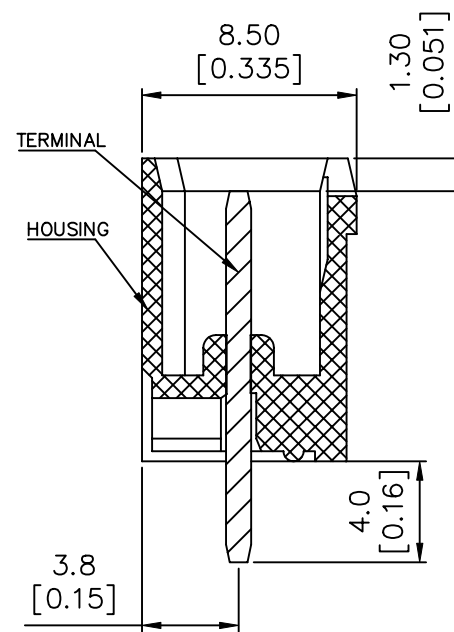
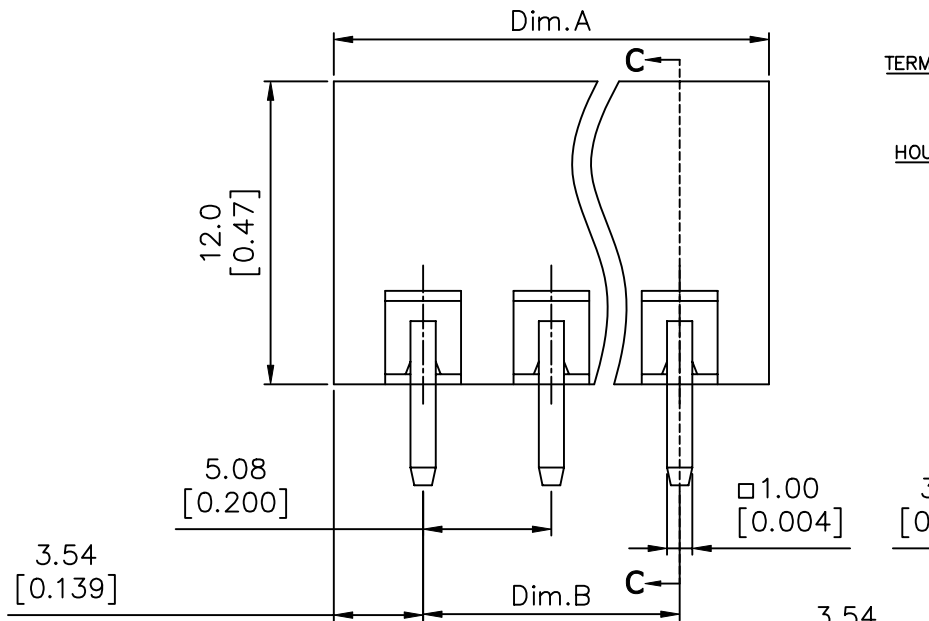
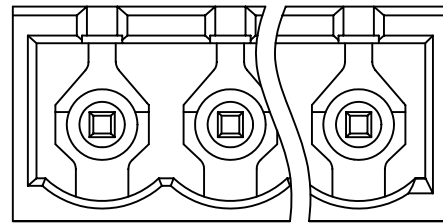
Material		Spec ref		
Mat code		✓	tolerance	projection
Heattreat				MM
Plating/Finish			⊕	←
Dr	BEER FU 062509		size	A4
Eng	BEER FU 062509	Product family		Scale
Chr	GARY HSIEH 062509	Model Name		ECN T10-0042
Appr	JOSEPH HSIA 062509	Model Revision		REL Level RELEASED
		title		Rev.
		TERMINAL BLOCK		D
		Pluggable socket, straight		
Pro/E file	catalog no	dwg no	20020107	
		CUSTOMER	sheet 4 of 5	

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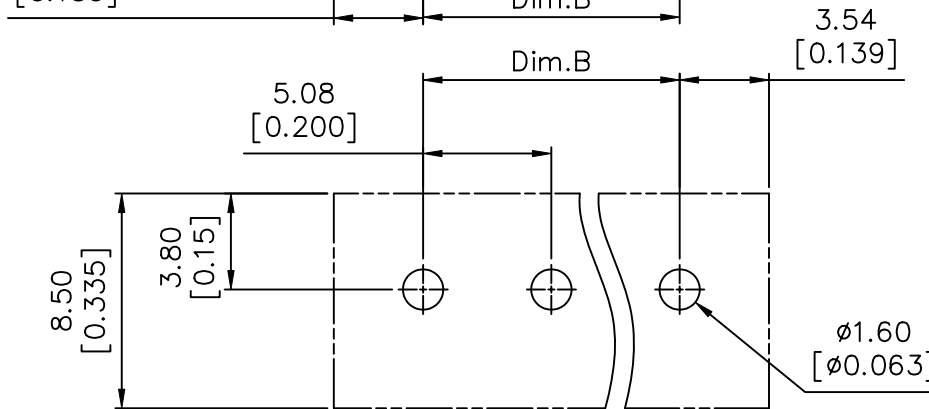
PRODUCT NUMBER	SERIES NAME	PITCH
20020107-HXX1A01LF	06-508	5.08 mm



SECTION C-C

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

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	$\pm 0.40 [0.016]$	



RECOMMENDED PCB LAYOUT

Material		Spec ref		
Mat code		✓	tolerance	projection
Heattreat				MM
Plating/Finish			⊕	←
Dr	BEER FU 062509		size	A4
Eng	BEER FU 062509	Product family		Scale
Chr	GARY HSIEH 062509	Model Name	ECN	T10-0042
Appr	JOSEPH HSIA 062509	Model Revision	REL Level	RELEASED
		title	20020107	
		TERMINAL BLOCK	Rev. D	
		Pluggable socket, straight		
Pro/E file	catalog no	CUSTOMER		sheet 5 of 5

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