

PRODUCT NUMBER
20020110-XXXXA01LF

20020110-

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

HOUSING CODE

1: GREEN
2: BLACK

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	 us		 us	

NOTES:

1. MATERIALS

1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.

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.

5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

6. RECOMMENDED SOLDERING PROCESS BY WAVE SOLDER.

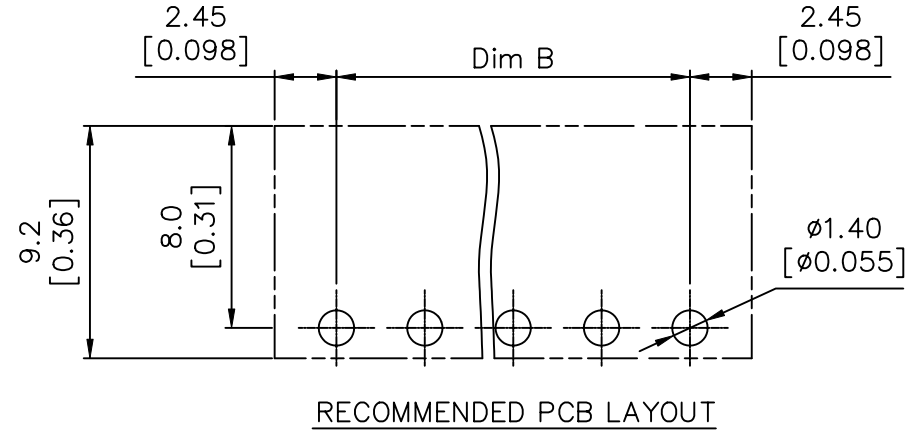
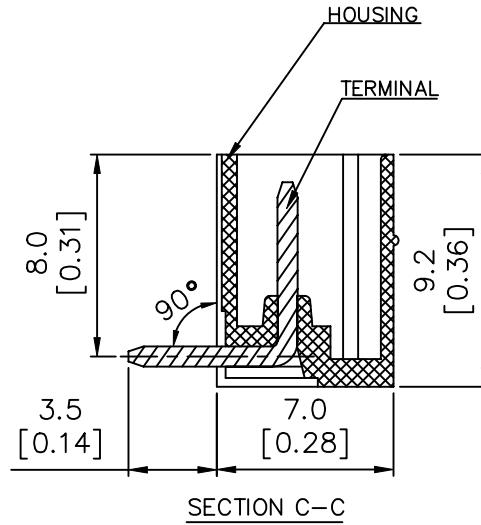
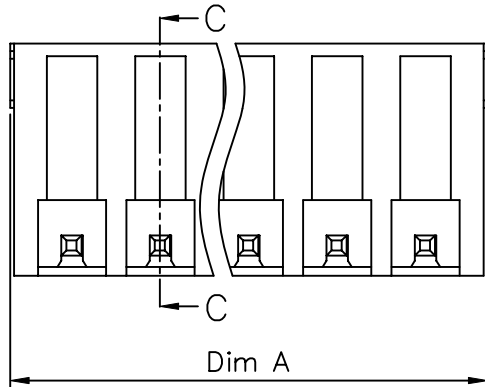
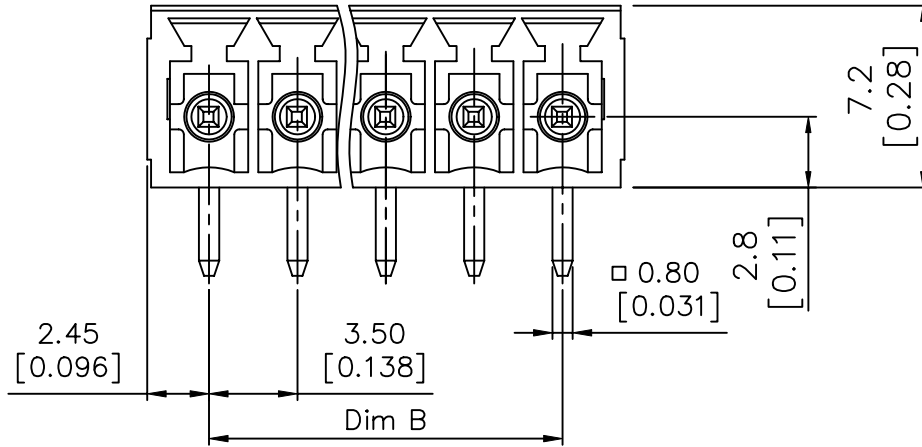
TOLERANCES UNLESS OTHERWISE SPECIFIED			rev	ecn no	dr	date
			A	DG09-0203	BF	062509
			B	T09-1148	BF	111709
			C	T09-1152	BF	112609
LINEAR	X.	±0.5	D	T10-0042	WL	030310
	XX	±0.30	E	T10-0109	WL	070810
	XX	±0.10				
ANGULAR	X°	±1°				

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	T10-0109
Appr	JOSEPH HSIA	062509	Model Revision				REL Level	RELEASED
		title			dwg no		20020110	Rev.
		TERMINAL BLOCK						E
		Pluggable socket, right angle						
Pro/E file		catalog no		CUSTOMER			sheet 1 of 5	

REV: 2008-04-17



PRODUCT NUMBER	SERIES NAME	PITCH
20020110-CXXA01LF	06-350	3.50 mm



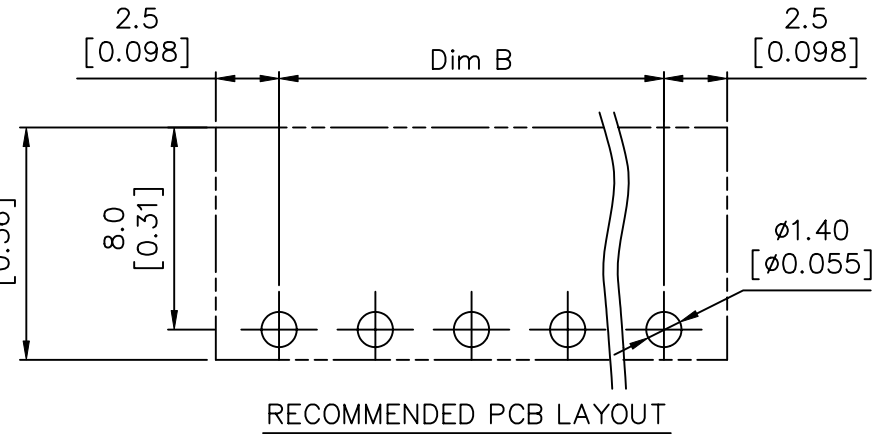
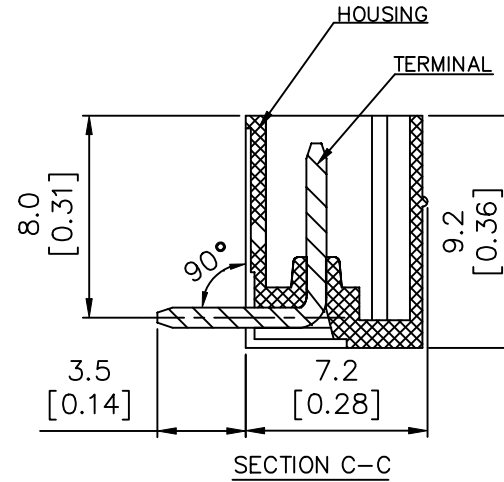
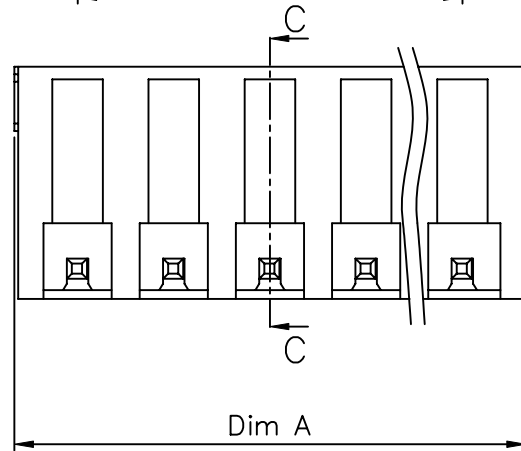
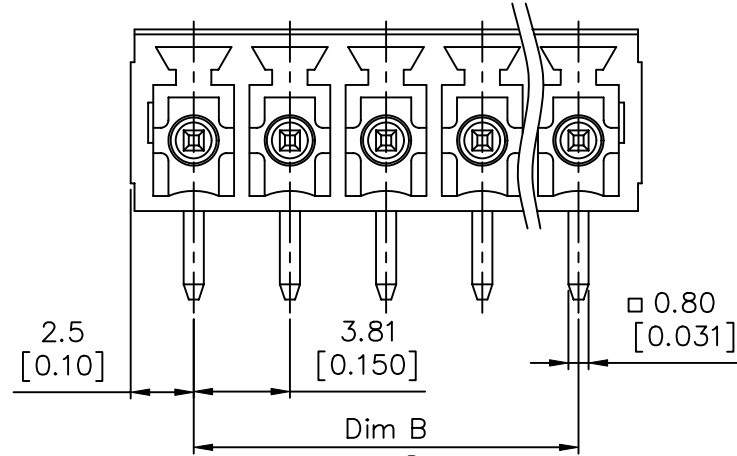
N = Number of poles
 Dim A = Dim B + 4.9 [0.193]
 Dim B = (N-1) x 3.5 [0.138]

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	T10-0109
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
		title			dwg no		Rev.
		TERMINAL BLOCK			20020110		E
		Pluggable socket, right angle					
Pro/E file	catalog no				CUSTOMER		sheet 2 of 5



PRODUCT NUMBER	SERIES NAME	PITCH
20020110-DXXXA01LF	06-381	3.81 mm

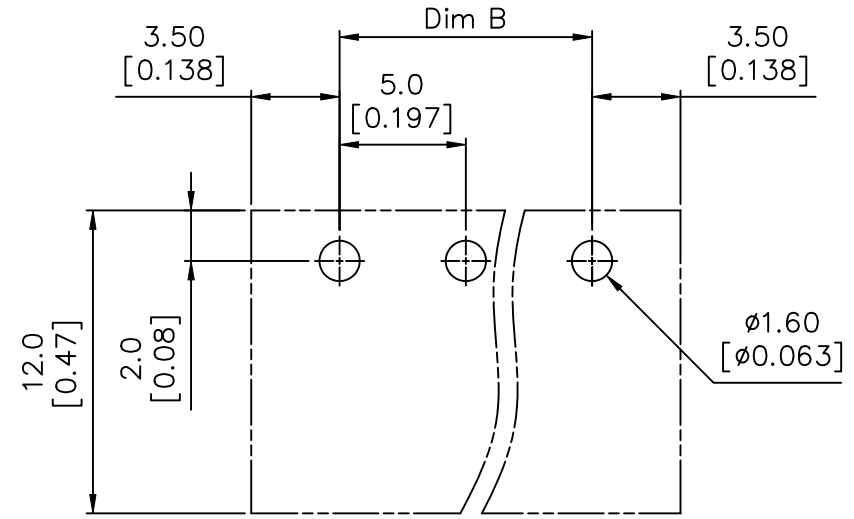
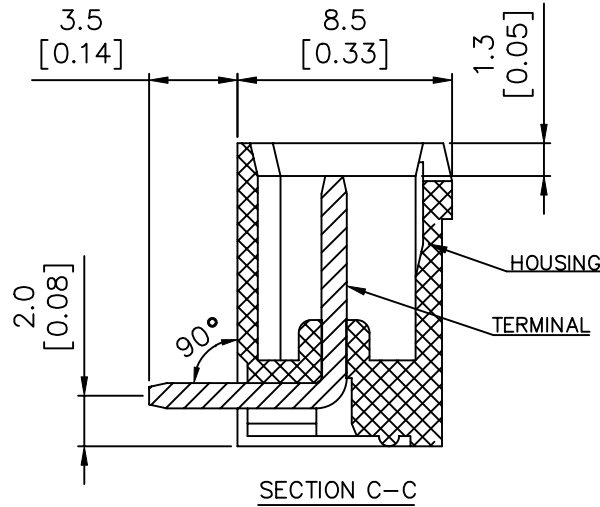
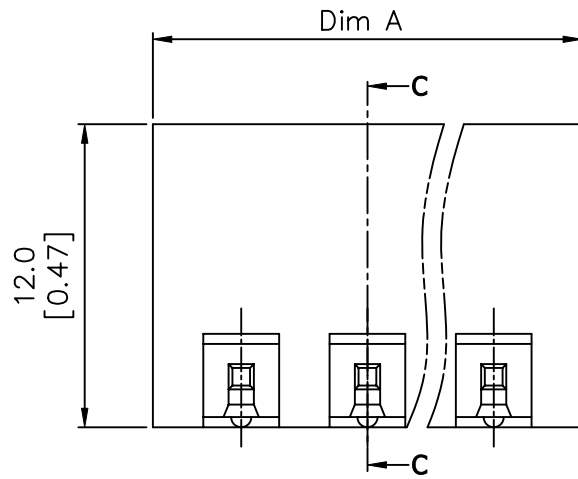
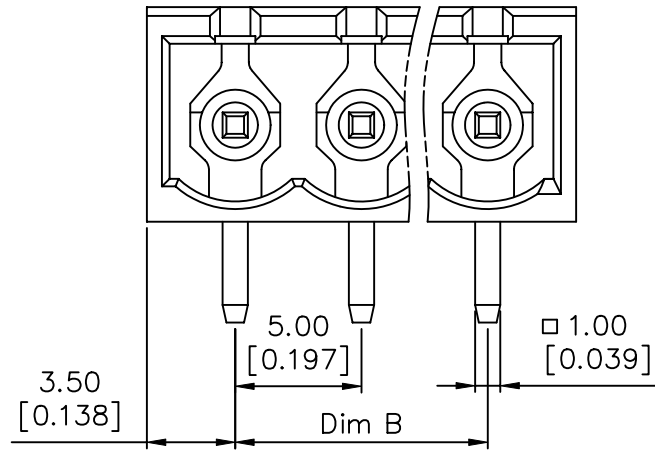


N = Number of poles
 Dim A=Dim B+5.0[0.197]
 Dim B=(N-1)x3.81[0.150]

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							
Plating/Finish							
Dr	BEER FU	062509				size	Scale
Eng	BEER FU	062509	Product family			A4	
Chr	GARY HSIEH	062509	Model Name			ECN	T10-0109
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
	title	TERMINAL BLOCK			dwg no	20020110	Rev. E
		Pluggable socket, right angle					
Pro/E file	catalog no		CUSTOMER			sheet 3 of 5	

PRODUCT NUMBER	SERIES NAME	PITCH
20020110-GXXXA01LF	06-500	5.00 mm



RECOMMENDED PCB LAYOUT

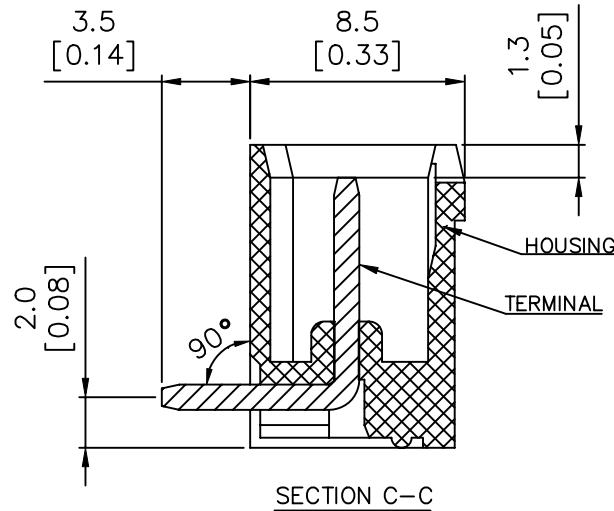
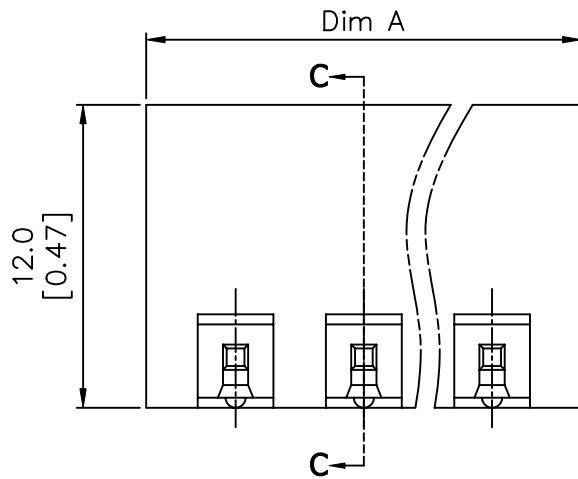
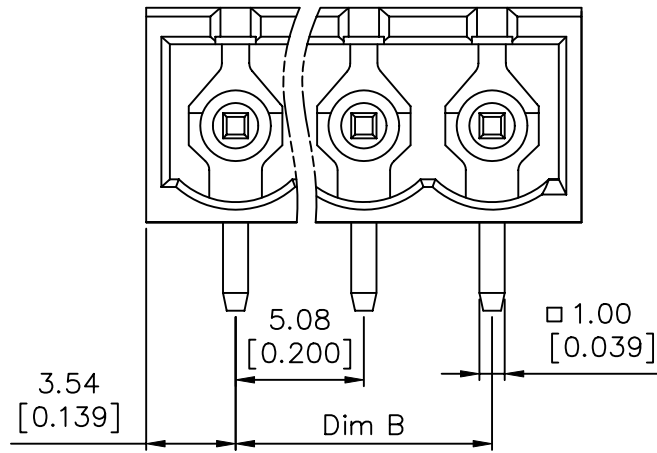
N = Number of poles
 Dim A = $N \times 5.0 [0.197] + 2.0 [0.193]$
 Dim B = $(N - 1) \times 5.0 [0.197]$

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	$\pm 0.40 [0.016]$	

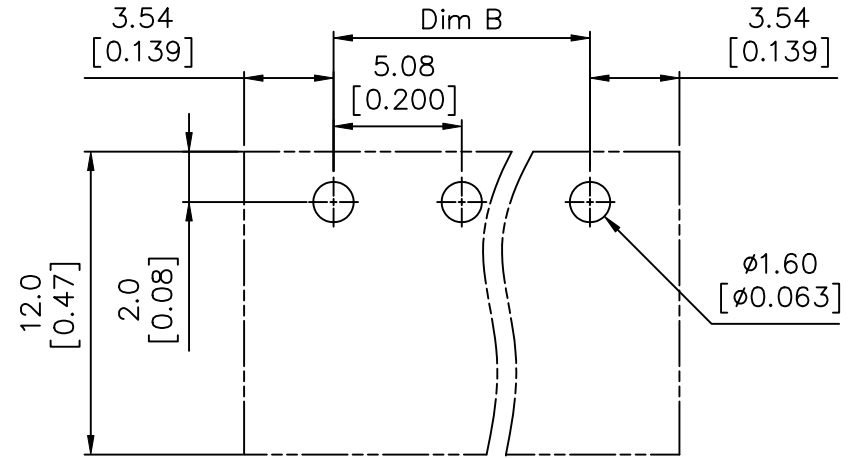
Material			Spec ref		
Mat code		✓	tolerance	projection	MM
Heattreat					
Plating/Finish					
Dr	BEER FU	062509	size		Scale
Eng	BEER FU	062509	A4		
Chr	GARY HSIEH	062509	Model Name		ECN T10-0109
Appr	JOSEPH HSIA	062509	Model Revision		REL Level RELEASED
FCI	title		dwg no		Rev.
	TERMINAL BLOCK		20020110		E
	Pluggable socket, right angle				
Pro/E file	catalog no		CUSTOMER		sheet 4 of 5



PRODUCT NUMBER	SERIES NAME	PITCH
20020110-HXXXXA01LF	06-508	5.08 mm



SECTION C-C



RECOMMENDED PCB LAYOUT

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		
Heattreat							
Plating/Finish							
Dr	BEER FU	062509				size	Scale
Eng	BEER FU	062509	Product family			A4	
Chr	GARY HSIEH	062509	Model Name			ECN	T10-0109
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
	title	TERMINAL BLOCK			dwg no	20020110	Rev. E
		Pluggable socket, right angle					
Pro/E file	catalog no			CUSTOMER		sheet 5 of 5	