



PRODUCT NUMBER

20020111-XXXXXXLF

20020111-□ □ □ □ A 0 □ LF

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

1 : STANDARD PRODUCT
W/ BOX PACKING

HOUSING CODE

CODE	COLOR	AVAILABILITY
1	GREEN(RAL 6018/T)	STANDARD
2	BLACK	ON REQUEST ONLY
3	GREY(RAL 7004/P)	ON REQUEST ONLY
4	BLUE(RAL 5015/A)	ON REQUEST ONLY

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)	cULus	10	10	12	12
	VDE	10.5	10.5	NA	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6
	VDE	2.5	2.5	NA	NA
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:

1. MATERIALS

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

1-2 TERMINAL: COPPER ALLOY, TIN PLATED.

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

3. BOXED PACKAGING,

DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

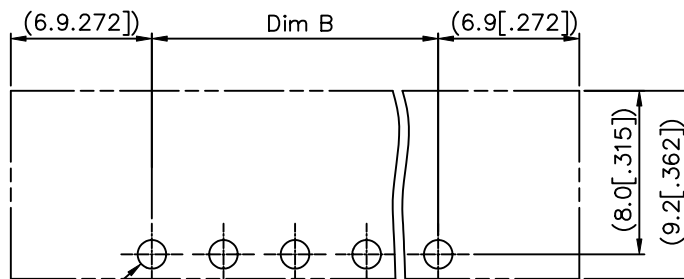
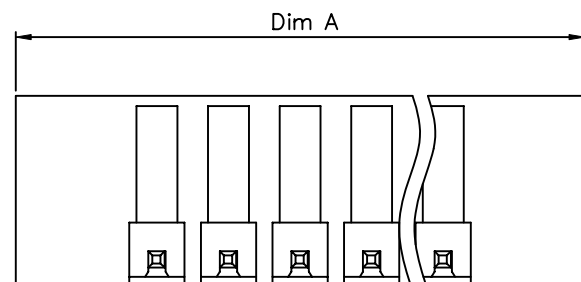
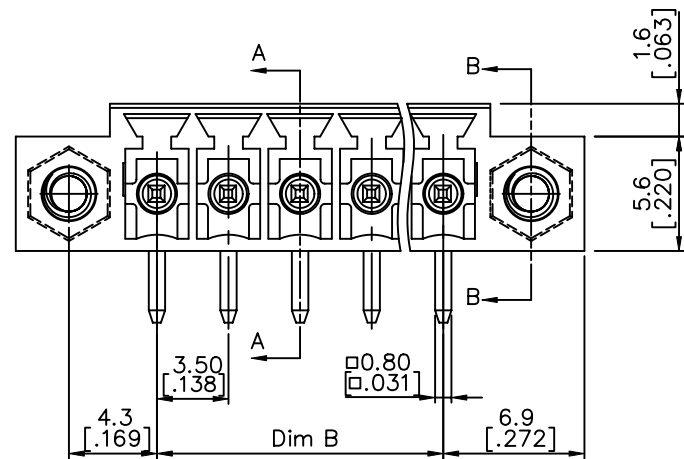
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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.

mat'l. code				surface ASME Y14.5		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK							
litr		ecn no		dr		date		tolerances unless otherwise specified				title					
A		T10-0062		WL		050710		angles		lineal		X.±0.5				TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE	
B		T10-0155		WL		093010						X.X±0.3					
C		T10-0187		WL		121410		X±1"				X.XX±0.1		scale			
D		T11-0006		WL		012611		dr		WENDY CHEN		042610					
E		T11-0013		WL		040811		enr		JASON HSU		042610		FCI		dwg no	
								chr		GARY HSIEH		042610				sheet 1 of 5	
								appd		JOSEPH HSIA		042610				20020111	
sheet index		revision sheet		E		E		E		E		E				type	
				1		2		3		4		5				CUSTOMER Drawing	

PRODUCT NUMBER	SERIES NAME	PITCH
20020111-CXXXXXL	06-350	3.50 mm



1.40 [0.055]

RECOMMENDED PCB LAYOUT

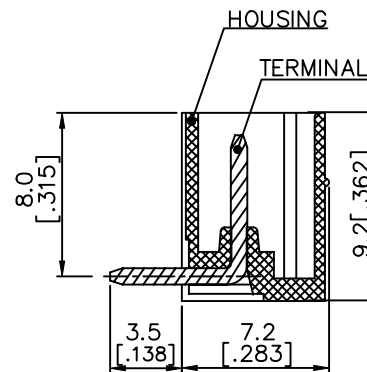
DIMENSION

$$\text{Dim. A} (N-1) \times 3.5 [.138] + 13.8 [.543]$$

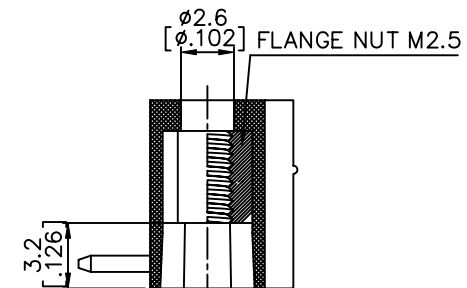
$$\text{Dim. B} (N-1) \times 3.5 [.138]$$

N= NUMBER OF CONTACTS

2p-6p	±0.15 [±.006]
7p-12p	±0.20 [±.008]
13p-16p	±0.25 [±.010]
17p-24p	±0.30 [±.012]



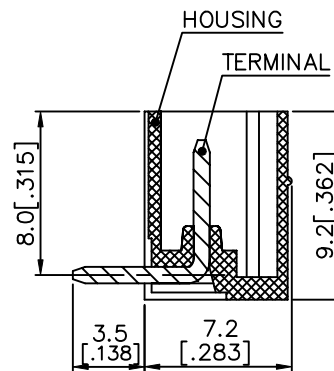
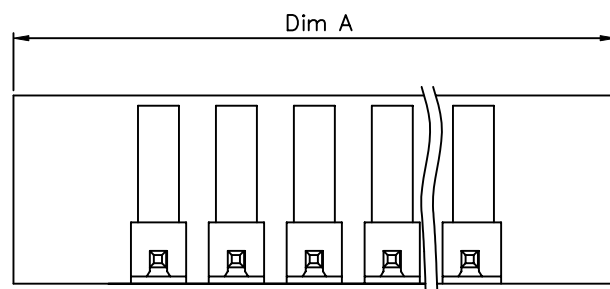
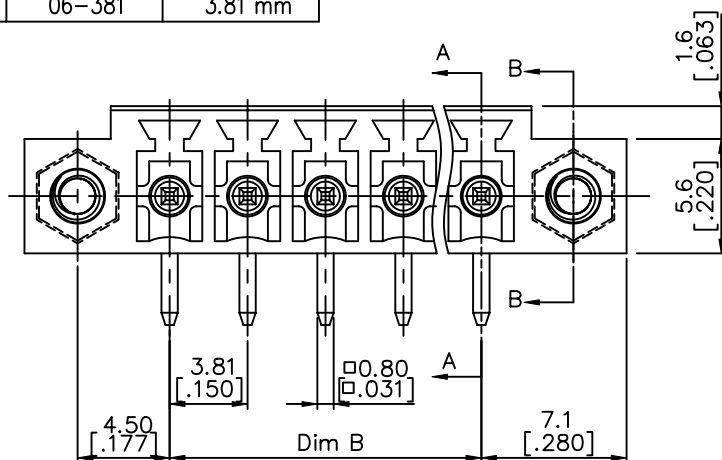
SECTION A-A



SECTION B-B

mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
E				angles X±0.5 X.X±0.3 X°±1°	TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
				dr WENDY CHEN 042610	dwg no 20020111
				enr JASON HSU 042610	sheet 2 of 5
				chr GARY HSIEH 042610	size A4
				appd JOSEPH HSIA 042610	type CUSTOMER Drawing
sheet index	revision sheet				

PRODUCT NUMBER	SERIES NAME	PITCH
20020111-DXXXXXXLF	06-381	3.81 mm



SECTION A-A

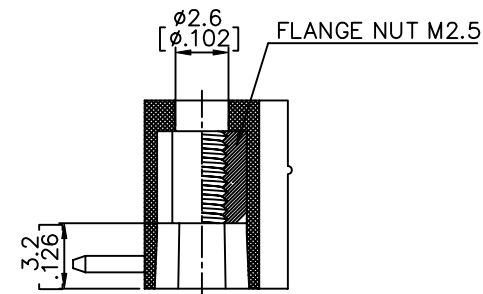
DIMENSION

$$\text{Dim. A} (N-1) \times 3.81 [.150] + 14.2 [.559]$$

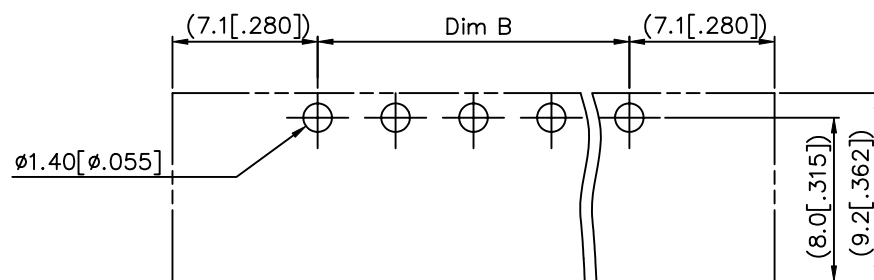
$$\text{Dim. B} (N-1) \times 3.81 [.150]$$

N= NUMBER OF CONTACTS

2p-6p	$\pm 0.15 [\pm .006]$
7p-12p	$\pm 0.20 [\pm .008]$
13p-16p	$\pm 0.25 [\pm .010]$
17p-24p	$\pm 0.30 [\pm .012]$



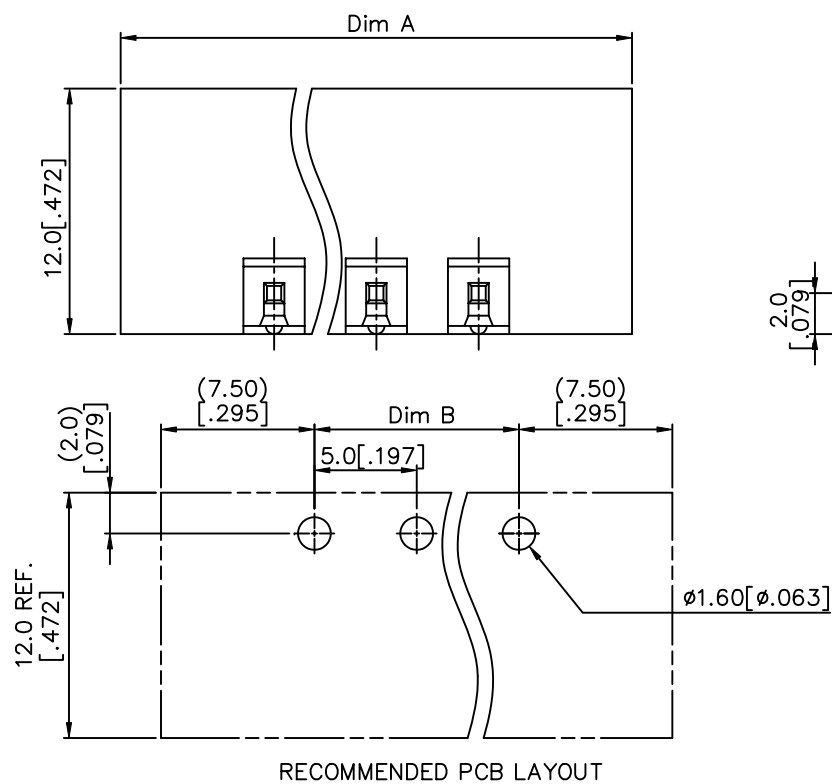
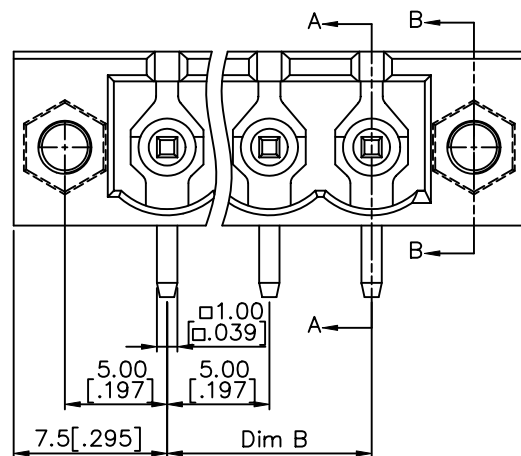
SECTION B-B



RECOMMENDED PCB LAYOUT

mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
ltr		ecn no	dr	date	terminal block
E		tolerances unless otherwise specified			title
		angles	linear	X.XX±0.1	terminal block
		X°±1°			pluggable, socket, signal, R/A
					W/FLANGE
		dr	WENDY CHEN	042610	dwg no
		enr	JASON HSU	042610	sheet 3 of 5
		chr	GARY HSIEH	042610	size
		appd	JOSEPH HSIA	042610	A4
sheet index		revision	sheet		type
					CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020111-GXXXXXL	06-500	5.00 mm

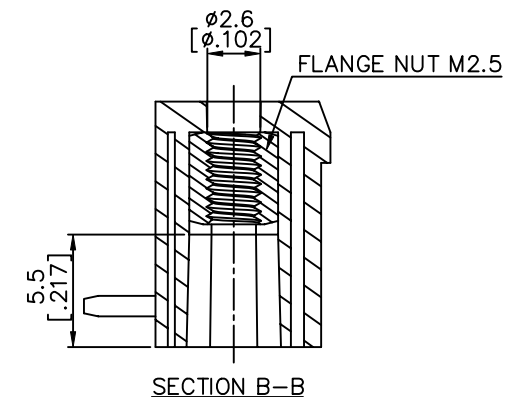
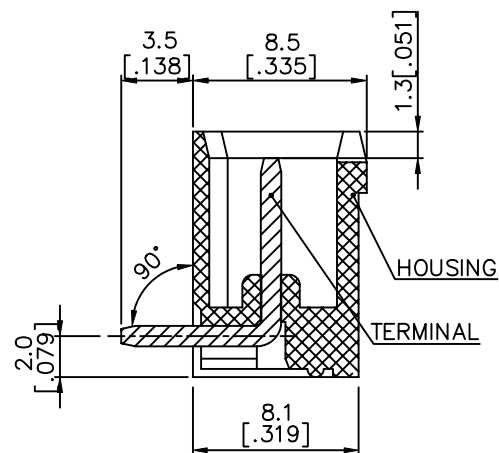


DIMENSION

Dim. A	$(N+2)*5.0[.197]$
Dim. B	$(N-1)*5.0[.197]$

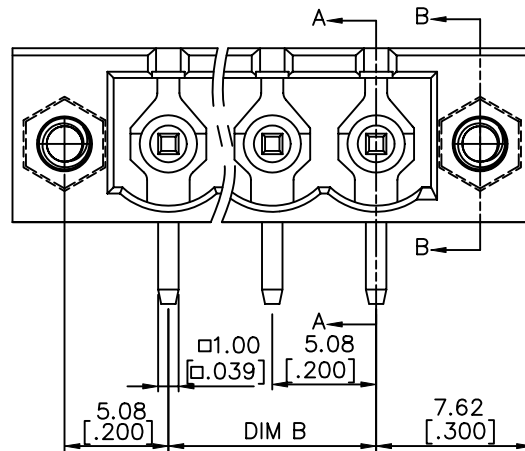
N= NUMBER OF CONTACTS

2p-6p	$\pm 0.15[\pm .006]$
7p-12p	$\pm 0.20[\pm .008]$
13p-18p	$\pm 0.25[\pm .010]$
19p-24p	$\pm 0.30[\pm .012]$



mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK	
ltr	ec	no	dr	date				title
E								TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
				angles	$X \pm 0.5$ $X.X \pm 0.3$			
				$X \pm 1^\circ$	$X.XX \pm 0.1$	scale		
			dr	WENDY CHEN	042610	FCI		
			enr	JASON HSU	042610			
			chr	GARY HSIEH	042610			
			appd	JOSEPH HSIA	042610			
sheet index	revision	sheet					dwg no	sheet 4 of 5 size
							20020111	A4
							type	CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020111-HXXXXXXLF	06-508	5.08 mm

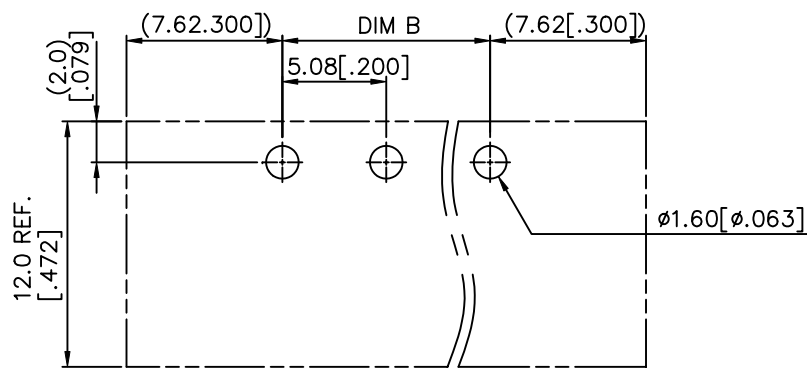
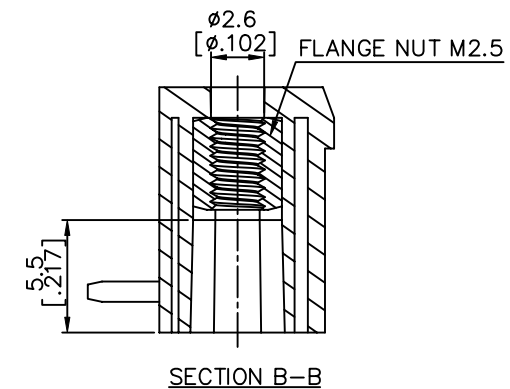
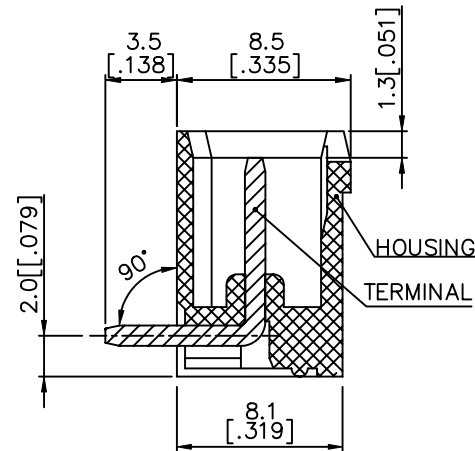
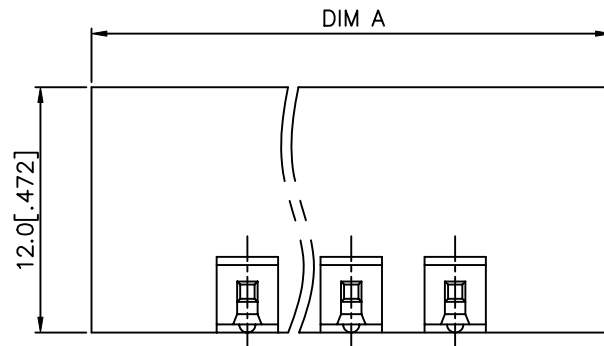


DIMENSION

Dim. A	(N+2)*5.08[.200]
Dim. B	(N-1)*5.08[.200]

N= NUMBER OF CONTACTS

2p-6p	±0.15[±.006]
7p-12p	±0.20[±.008]
13p-18p	±0.30[±.012]
19p-24p	±0.40[±.016]



RECOMMENDED PCB LAYOUT

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
E					angles X±1°	MM [INCH]	TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
					dr	scale	dwg no
					WENDY CHEN	042610	sheet 5 of 5
					enr	JASON HSU	042610
					chr	GARY HSIEH	042610
					appd	JOSEPH HSIA	042610
sheet index	revision sheet						type CUSTOMER Drawing