



Copyright FCI.



FCIconnect.com



1 | 2

3 |

4

PRODUCT NUMBER

20020110-XXXXXXLF

20020110-□□□□A□□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

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					

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

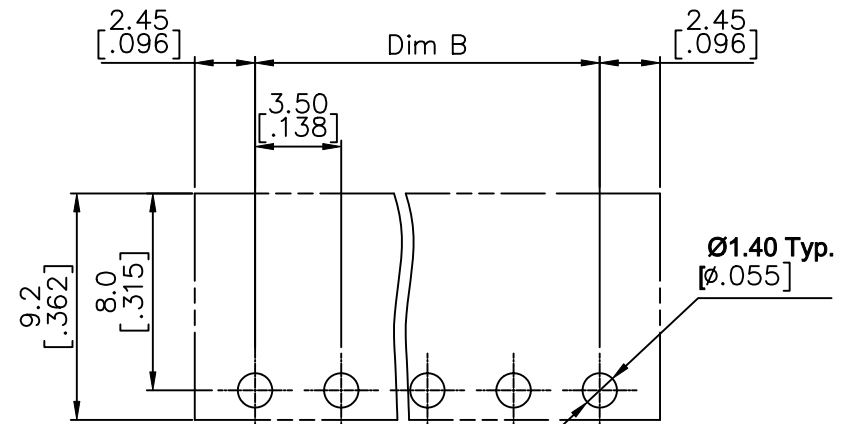
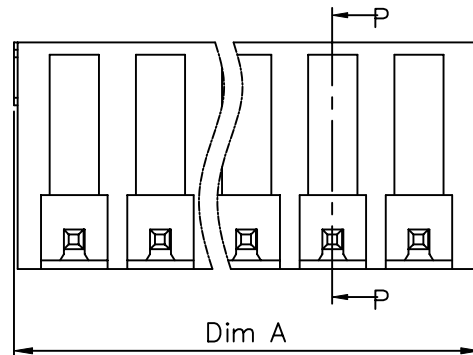
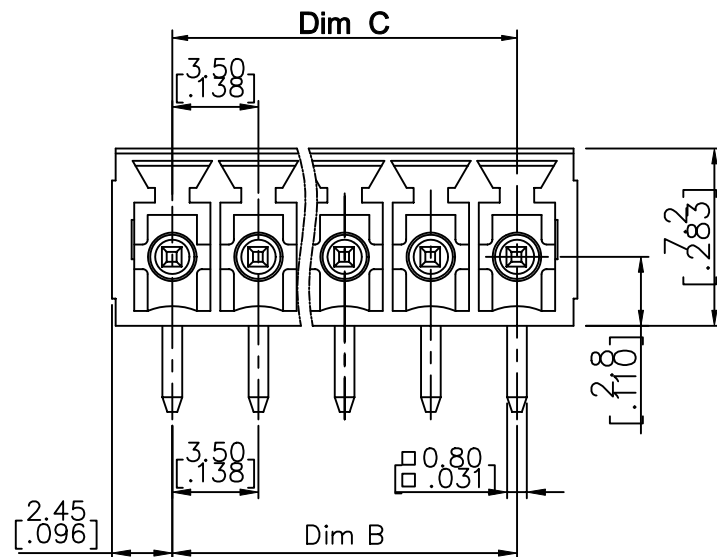
NOTES:

MATERIALS

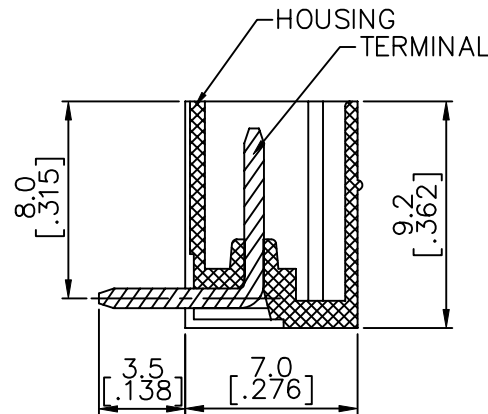
- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-2 TERMINAL: COPPER ALLOY, TIN PLATED.
2. PRODUCTION SPECIFICATION REFER TO FCI GS-12-625.
3. BOXED PACKAGING.
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT 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. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

mat'l. code				surface	tolerance	projection	product family
				ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
litr	ecr no	dr	date	tolerances unless otherwise specified			title
H	T10-0193	WL	122310	angles	X.±0.5[.020]		TERMINAL BLOCK PLUGGABLE SOCKET, RIGHT ANGLE
J	T11-0013	WL	040811	tolerances	X.X±0.3[.012]		
K	T-004746	WL	072011	X'±1"	X.XX±0.1[.004]	scale	
				dr	BEER FU	062509	FCI type CUSTOMER Drawing
				engr	BEER FU	062509	
				chr	GARY HSIEH	062509	
				appd	JOSEPH HSIA	062509	
sheet index	revision	K	K	K	K	K	
	sheet	1	2	3	4	5	

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



RECOMMENDED P.C.B LAYOUT



SECTION P-P

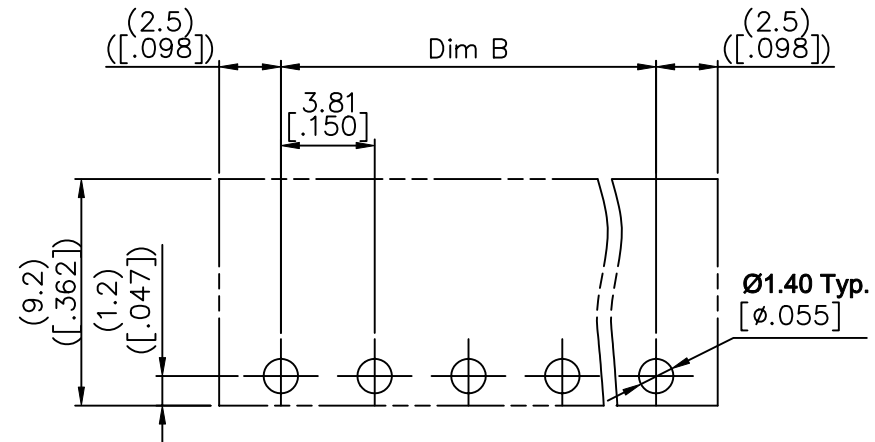
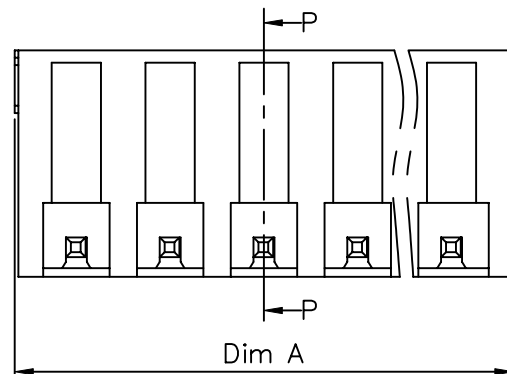
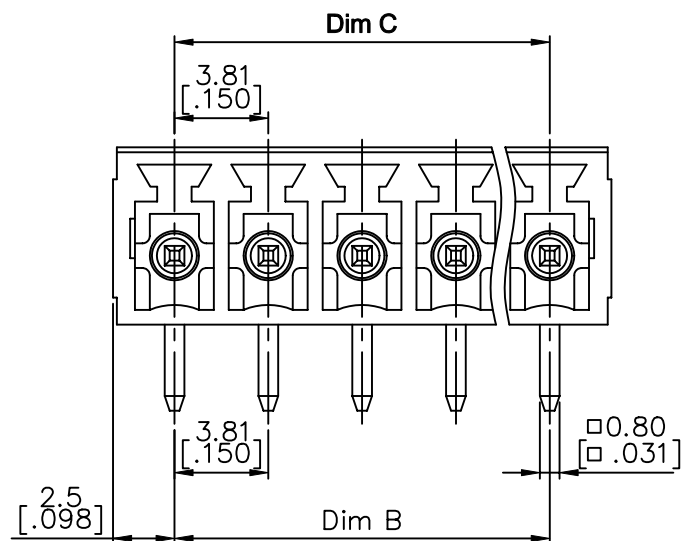
N= NUMBER OF POLES
DIMENSION

Dim A	$(N-1) \times 3.5 [.138] + 4.9 [.193]$
Dim B	$(N-1) \times 3.5 [.138]$
Dim C	$(N-1) \times 3.5 [.138]$

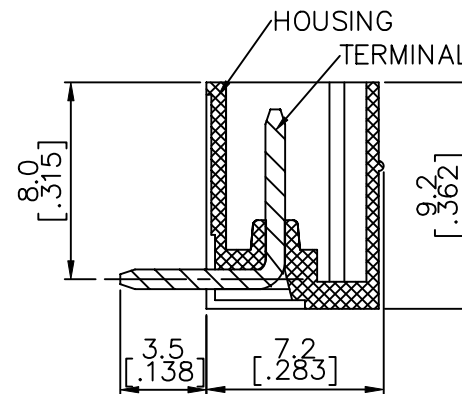
Poles	Tolerance
2P-6P	$\pm 0.15 [.006]$
7P-12P	$\pm 0.20 [.008]$
13P-18P	$\pm 0.25 [.010]$
19P-24P	$\pm 0.30 [.012]$

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
K				angles	$X \pm 0.5 [.020]$	MM	TERMINAL BLOCK
					$X.X \pm 0.3 [.012]$	INCH	PLUGABLE, SOCKET, SIGNAL, R/A
				$X \pm 1^\circ$	$X.XX \pm 0.1 [.004]$	scale	dwg no
				dr	BEER FU	062509	sheet 2 of 5
				enr	BEER FU	062509	size
				chr	GARY HSIEH	062509	A4
				appd	JOSEPH HSIA	062509	type
sheet index	revision sheet						CUSTOMER Drawing

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



RECOMMENDED P.C.B LAYOUT



SECTION P-P

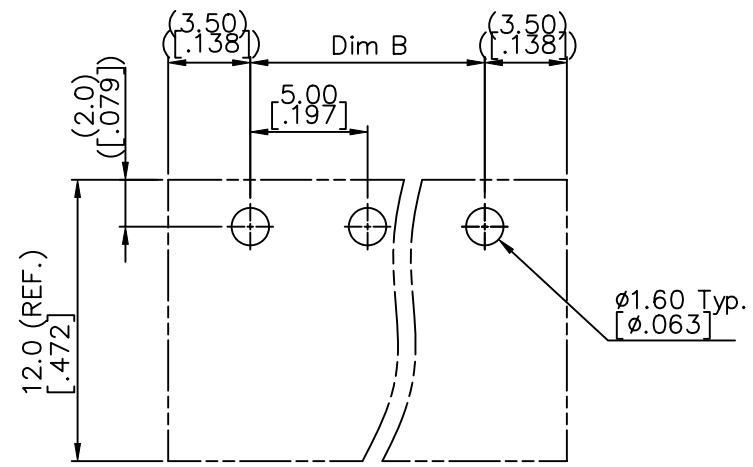
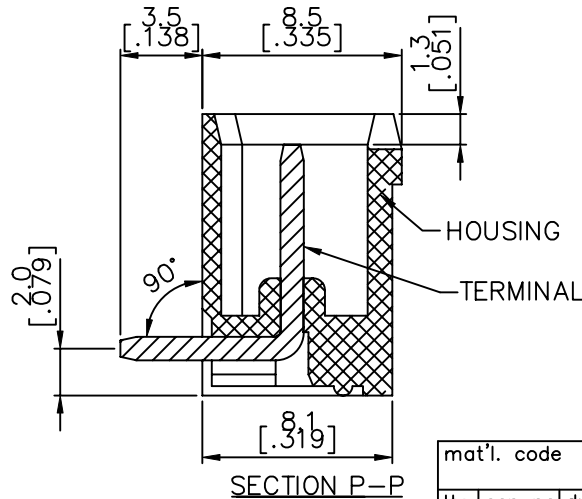
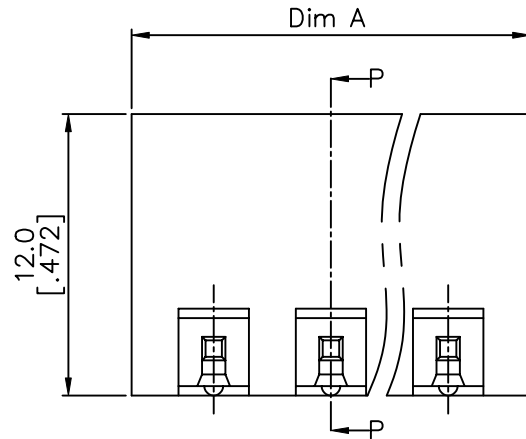
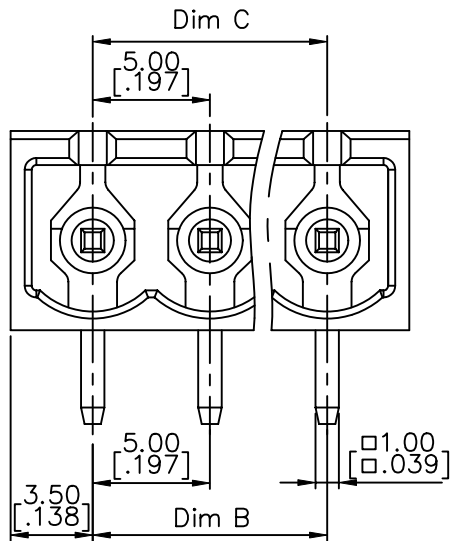
N= NUMBER OF POLES
DIMENSION

Dim A	$(N-1) \times 3.81 [.150] + 5.0 [.197]$
Dim B	$(N-1) \times 3.81 [.150]$
Dim C	$(N-1) \times 3.81 [.150]$

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

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
ltr	ecn no	dr	date	TERMINAL BLOCK
K				
	angles	tolerances unless otherwise specified	MM [INCH]	title
	X $\pm 1^\circ$	X $\pm 0.5 [.020]$		TERMINAL BLOCK
		X.X $\pm 0.3 [.012]$		PLUGABLE, SOCKET, SIGNAL, R/A
		X.XX $\pm 0.1 [.004]$	scale	dwg no
	dr	BEER FU	062509	sheet 3 of 5
	enr	BEER FU	062509	size
	chr	GARY HSIEH	062509	A4
	appd	JOSEPH HSIA	062509	type
sheet index	revision sheet			CUSTOMER Drawing

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



RECOMMENDED P.C.B LAYOUT

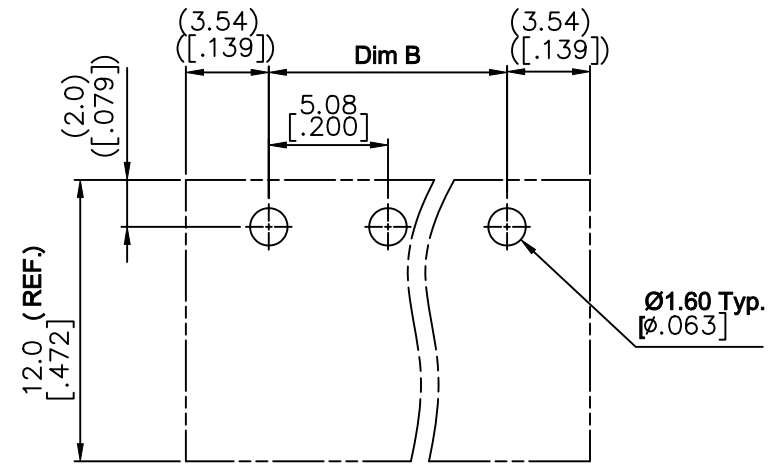
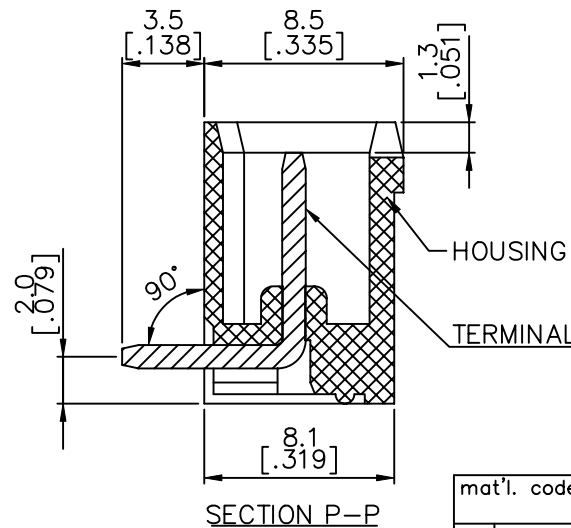
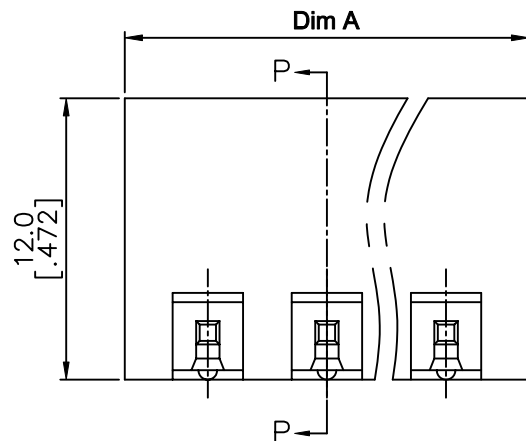
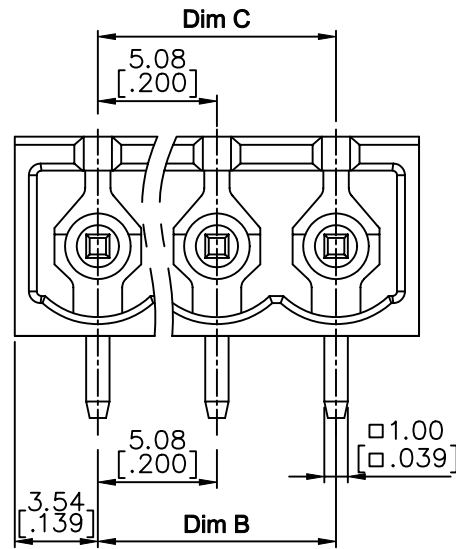
N = NUMBER OF POLES
DIMENSION

Dim A	$N \times 5.0[.197] + 2.0[.193]$
Dim B	$(N-1) \times 5.0[.197]$
Dim C	$(N-1) \times 5.0[.197]$

Poles	Tolerance
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.25[.010]$
13p-16p	$\pm 0.35[.014]$
17p-24p	$\pm 0.40[.016]$

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK
ltr	ecn	no	dr	tolerances unless otherwise specified			title
K				angles	$X \pm 0.5[.020]$ $X.X \pm 0.3[.012]$ $X \pm 1"$		TERMINAL BLOCK PLUGABLE, SOCKET, SIGNAL, R/A
					$X.XX \pm 0.1[.004]$	scale	dwg no
				dr	BEER FU	062509	sheet 4 of 5
				enr	BEER FU	062509	size
				chr	GARY HSIEH	062509	A4
				app	JOSEPH HSIA	062509	type
sheet index	revision	sheet					CUSTOMER Drawing

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



RECOMMENDED P.C.B LAYOUT

N = NUMBER OF POLES
DIMENSION

Dim A	$N \times 5.08 [.200] + 2.0 [.193]$
Dim B	$(N-1) \times 5.08 [.200]$
Dim C	$(N-1) \times 5.08 [.200]$

Poles	Tolerance
2p-6p	$\pm 0.15 [.006]$
7p-12p	$\pm 0.25 [.010]$
13p-16p	$\pm 0.35 [.014]$
17p-24p	$\pm 0.40 [.016]$

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK PLUGABLE, SOCKET, SIGNAL, R/A
K				dwg no 20020110
				sheet 5 of 5
				size A4
				type CUSTOMER Drawing
dr	BEER FU	062509		
enr	BEER FU	062509		
chr	GARY HSIEH	062509		
appd	JOSEPH HSIA	062509		
sheet index	revision sheet			