

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	ecn no	dr	date	tolerances unless otherwise specified			title
H	T10-0193	WL	122310	angles	X.±0.5[.020]		TERMINAL BLOCK
J	T11-0013	WL	040811	tolerances	X.X±0.3[.012]		PLUGGABLE SOCKET, RIGHT ANGLE
K	T-004746	WL	072011	X'±1"	X.XX±0.1[.004]	scale	dwg no
				dr	BEER FU	062509	sheet 1 of 5 size
				enr	BEER FU	062509	20020110
				chr	GARY HSIEH	062509	A4
				appd	JOSEPH HSIA	062509	type
sheet	revision	K	K	K	K	K	CUSTOMER Drawing
index	sheet	1	2	3	4	5	



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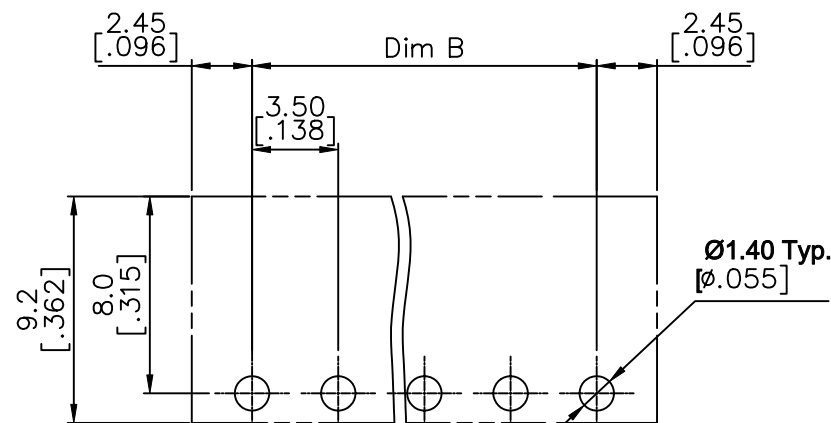
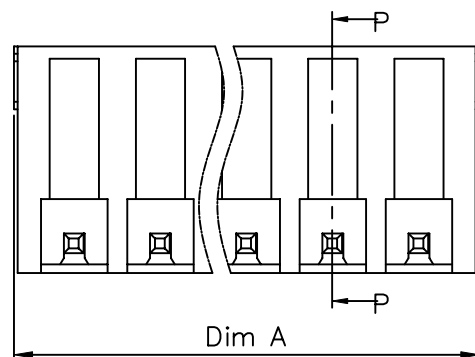
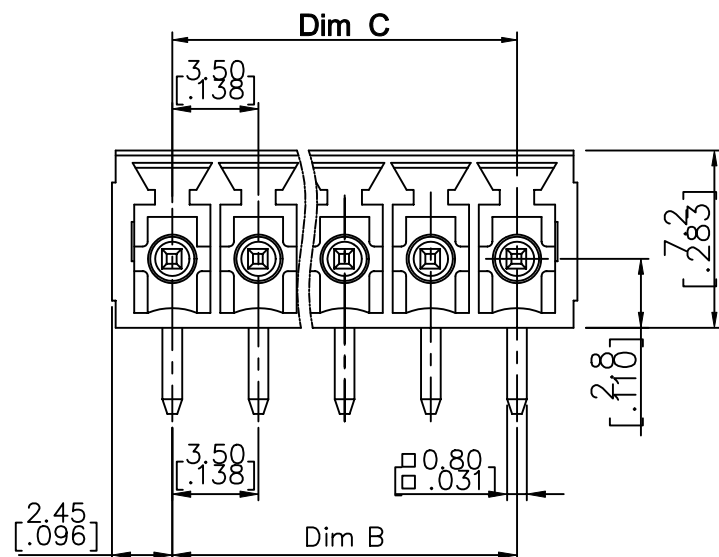


1 2

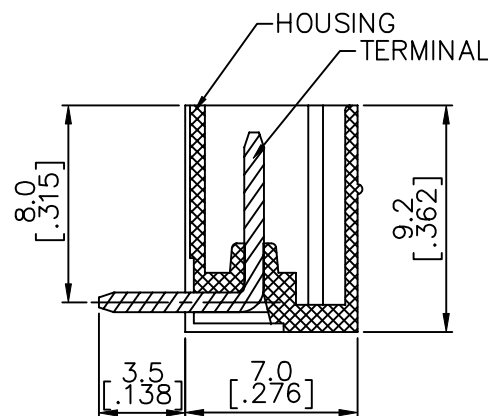
3

4

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



RECOMMENDED P.C.B LAYOUT



SECTION P-P

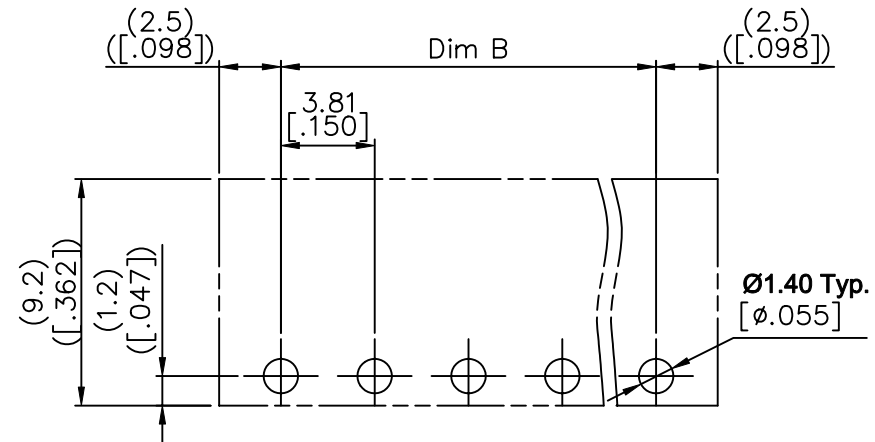
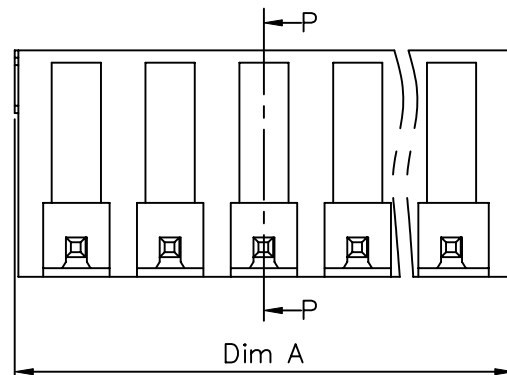
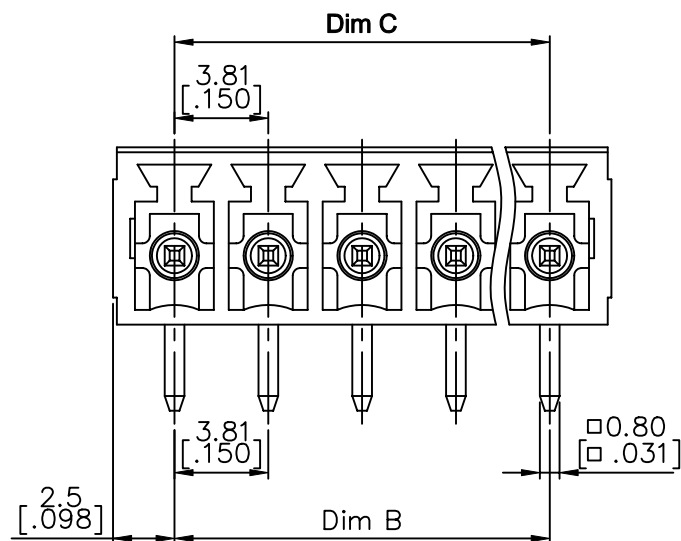
N= NUMBER OF POLES
DIMENSION

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

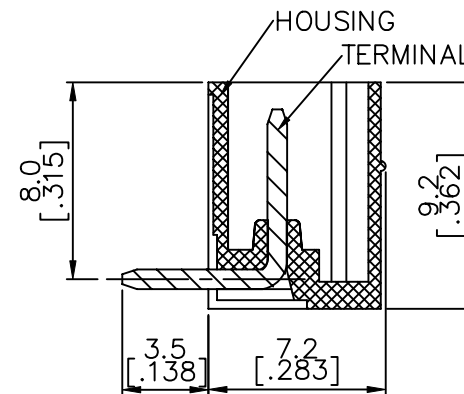
Poles	Tolerance
2P-6P	$\pm 0.15 [.006]$
7P-12P	$\pm 0.20 [.008]$
13P-18P	$\pm 0.25 [.010]$
19P-24P	$\pm 0.30 [.012]$

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
K				angles	$X \pm 0.5 [.020]$ $X.X \pm 0.3 [.012]$ $X \pm 1$	scale	TERMINAL BLOCK PLUGABLE, SOCKET, SIGNAL, R/A
				dr	BEER FU 062509		dwg no
				enr	BEER FU 062509		sheet 2 of 5
				chr	GARY HSIEH 062509		size
				appd	JOSEPH HSIA 062509		A4
sheet index	revision sheet						type
							CUSTOMER Drawing

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



RECOMMENDED P.C.B LAYOUT



SECTION P-P

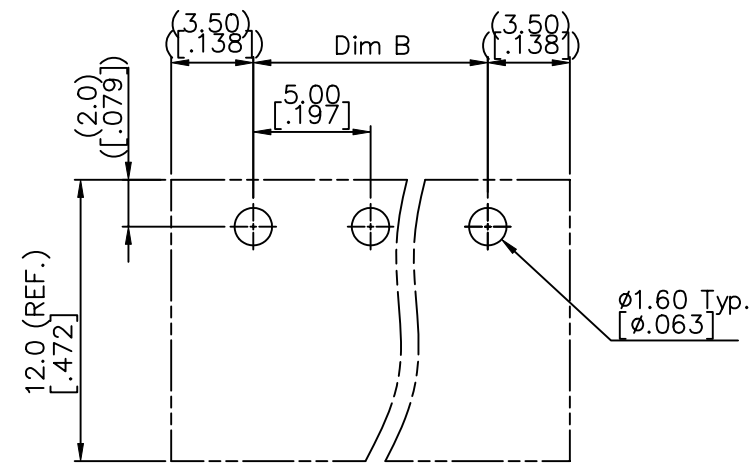
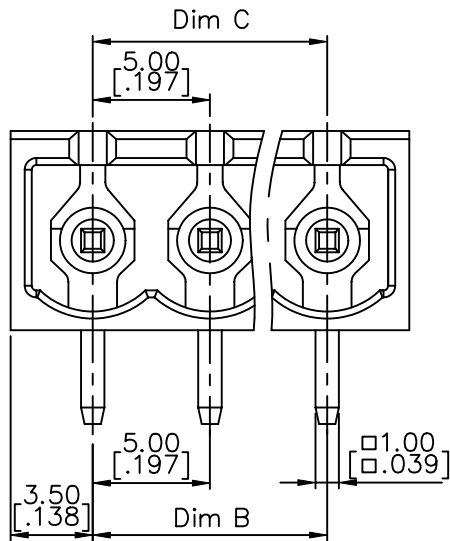
N= NUMBER OF POLES
DIMENSION

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

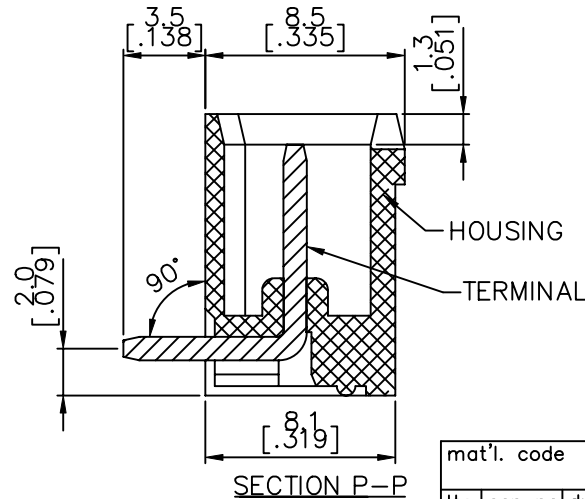
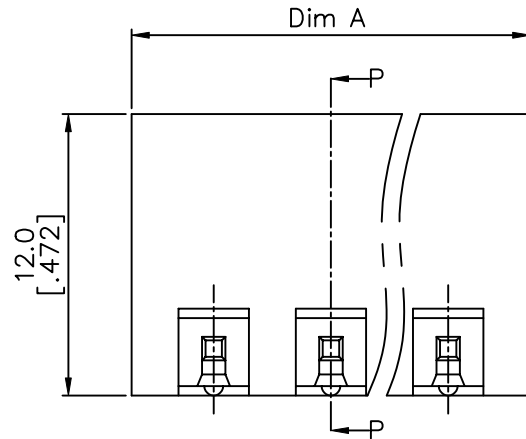
Poles	Tolerance
2p-6p	$\pm 0.15 [.006]$
7p-12p	$\pm 0.20 [.008]$
13p-16p	$\pm 0.25 [.010]$
17p-24p	$\pm 0.30 [.012]$

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

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



RECOMMENDED P.C.B LAYOUT



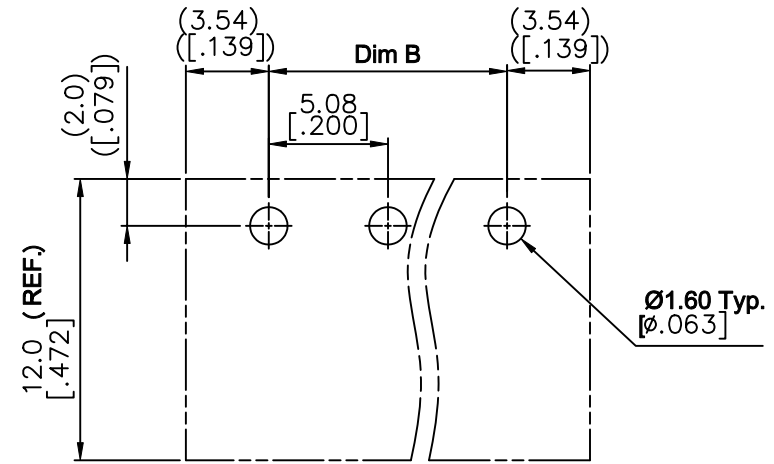
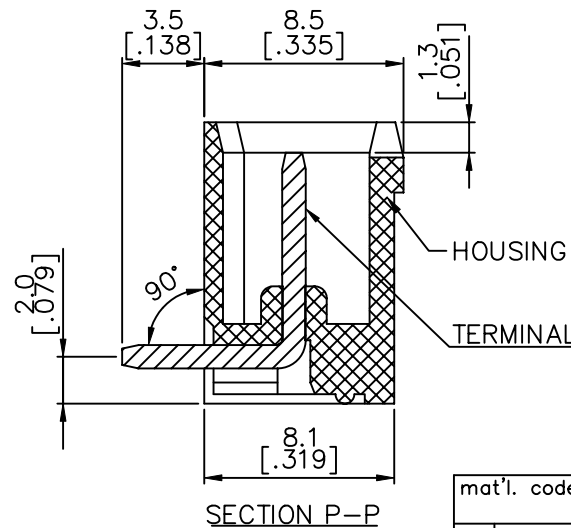
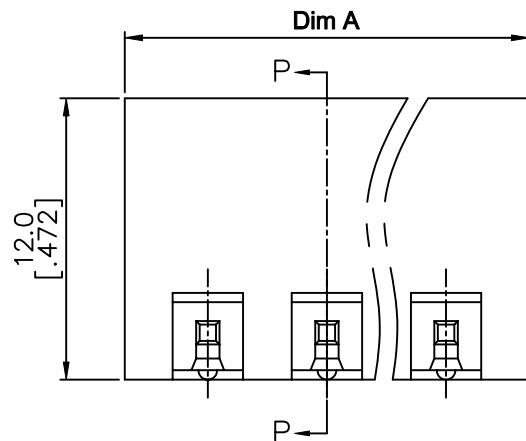
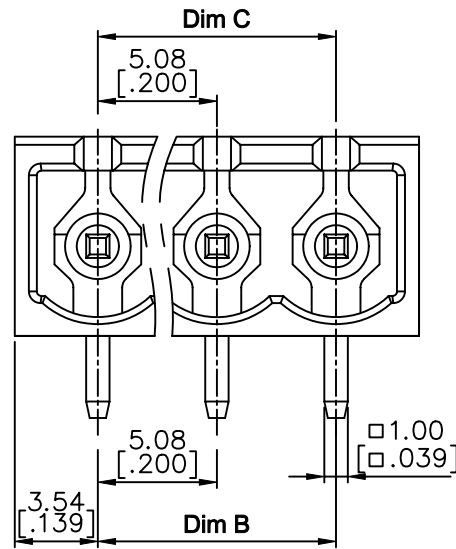
N = NUMBER OF POLES
DIMENSION

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	date	tolerances unless otherwise specified	title
K				angles	TERMINAL BLOCK
				tolerances	PLUGABLE, SOCKET, SIGNAL, R/A
				scale	dwg no
					sheet 4 of 5
					size
					A4
					type
					CUSTOMER Drawing
sheet index	revision sheet				

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	product family TERMINAL BLOCK
ltr	ecn	no	dr	tolerances unless otherwise specified		 MM INCH	title
K				angles	tolerances		TERMINAL BLOCK PLUGABLE, SOCKET, SIGNAL, R/A
				X $\pm 1^\circ$	X.XX $\pm 0.1 [.004]$	scale	dwg no
				dr	BEER FU	062509	sheet 5 of 5
				enr	BEER FU	062509	size
				chr	GARY HSIEH	062509	A4
				appd	JOSEPH HSIA	062509	type
sheet index	revision	sheet					CUSTOMER Drawing