



PRODUCT NUMBER

20020107-XXXXXXLF

20020107-□□□□□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

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
5	YELLOW(RAL 1018)	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:

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.

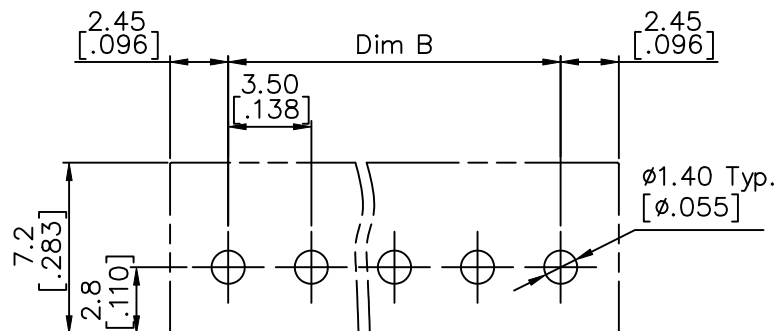
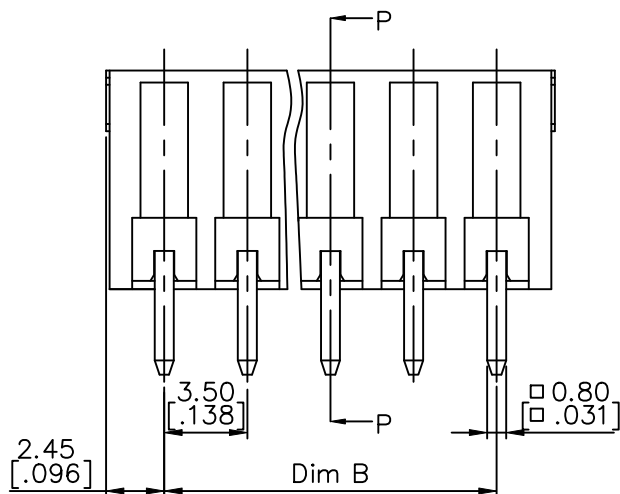
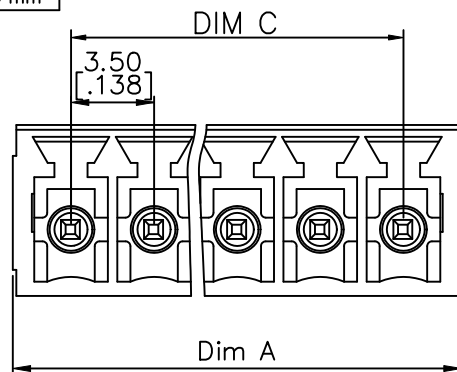
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON
PRODUCT SURFACE.5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN
UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN
GS-22-008.

6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

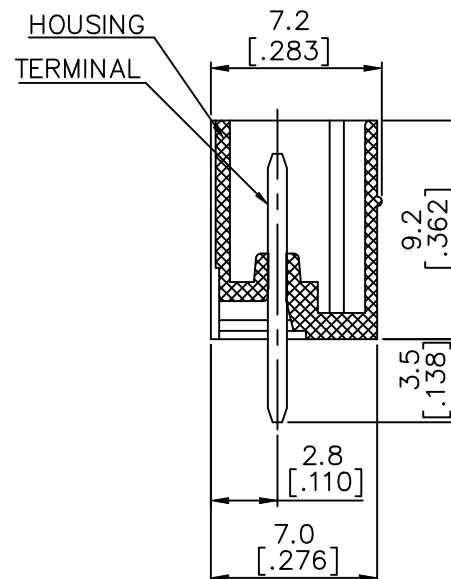
mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
E	T10-0159	WL	100410	angles 	X.±0.5[.020]	 MM INCH	TERMINAL BLOCK PLUGGABLE SOCKET, STRAIGHT	
F	T10-0187	WL	121410		X.X±0.3[.012]			
G	T11-0013	WL	040811	X*±1*	X.XX±0.1[.004]	scale	dwg no	
H	T-004330	WL	063011	dr	BEER FU	062509	sheet 1 of 5 size	
J	T-004746	WL	072011	enr	BEER FU	062509	20020107	
K	T-005754	WL	090611	chr	GARY HSIEH	062509	A4	
				appd	JOSEPH HSIA	062509	type	
sheet index				revision	K	K	CUSTOMER Drawing	
				sheet	1	2		
					K	K		
					3	4		
					5			



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



RECOMMENDED P.C.B LAYOUT



SECTION P-P

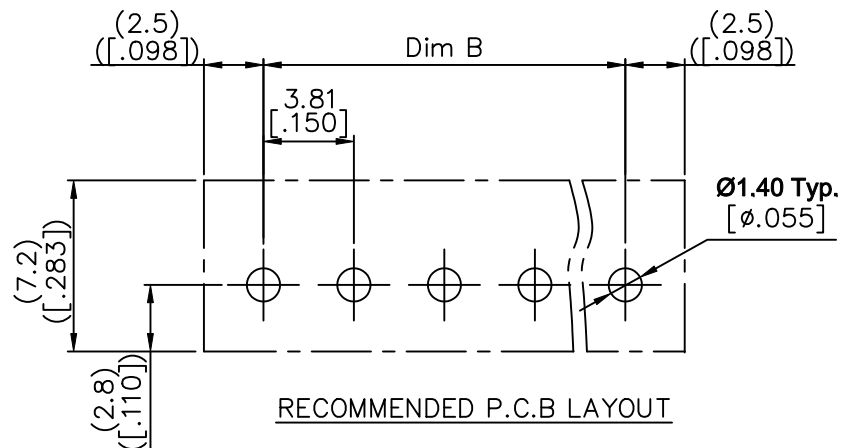
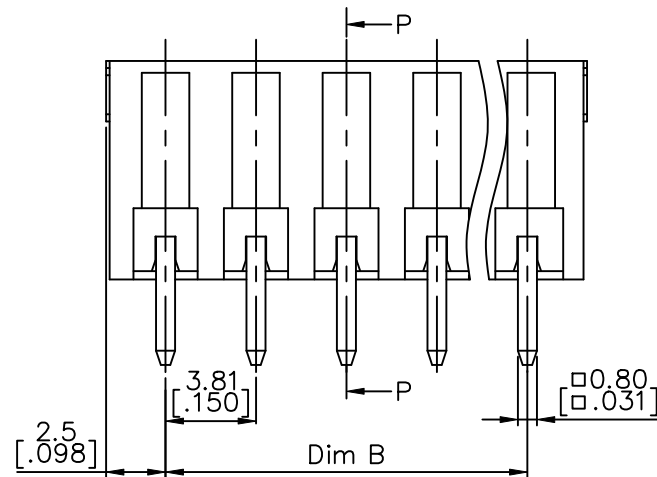
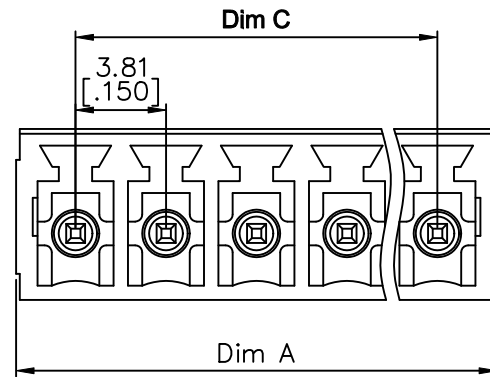
N= NUMBER OF POLES
DIMENSION

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

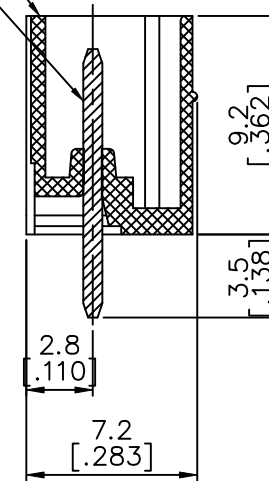
Poles	Tolerance
2P-6P	$\pm 0.15 [.006]$
7P-12P	$\pm 0.20 [.008]$
13P-18P	$\pm 0.25 [.010]$
19P-24P	$\pm 0.30 [.012]$

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title
K				TERMINAL BLOCK
				PLUGABLE, SOCKET, SIGNAL, VERTICAL
				dwg no
				20020107
				type
				CUSTOMER Drawing
sheet index	revision sheet			

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

HOUSING

TERMINAL



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 TERMINAL BLOCK			
ltr ecn no dr date				tolerances unless otherwise specified		MM [INCH] scale 		title					
K				angles				TERMINAL BLOCK					
				X. ±0.5[.020]				PLUGABLE, SOCKET, SIGNAL, VERTICAL					
				X.X ±0.3[.012]									
				X'±1'									
				dr BEER FU 062509				dwg no sheet 3 of 5size					
				enr BEER FU 062509				20020107A4					
				chr GARY HSIEH 062509									
				appd JOSEPH HSIA 062509				typeCUSTOMER Drawing					
sheet index		revision sheet											



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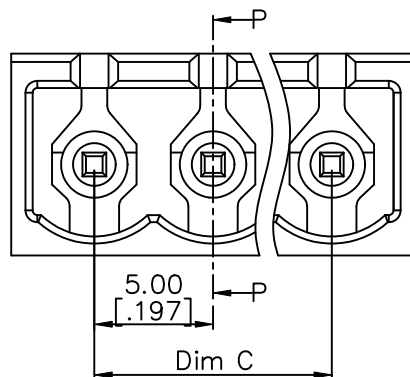


1 2

3

4

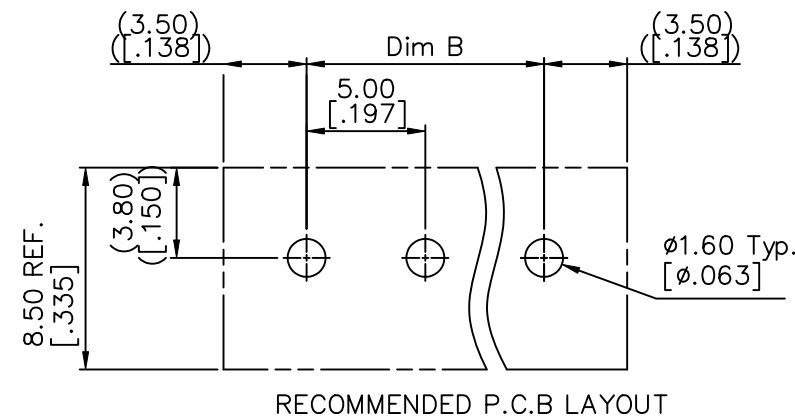
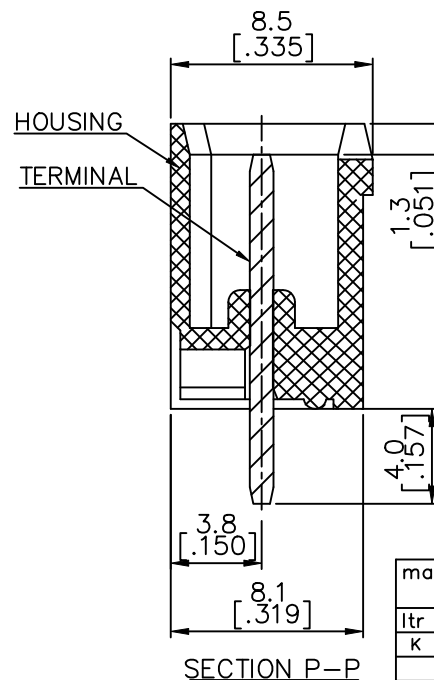
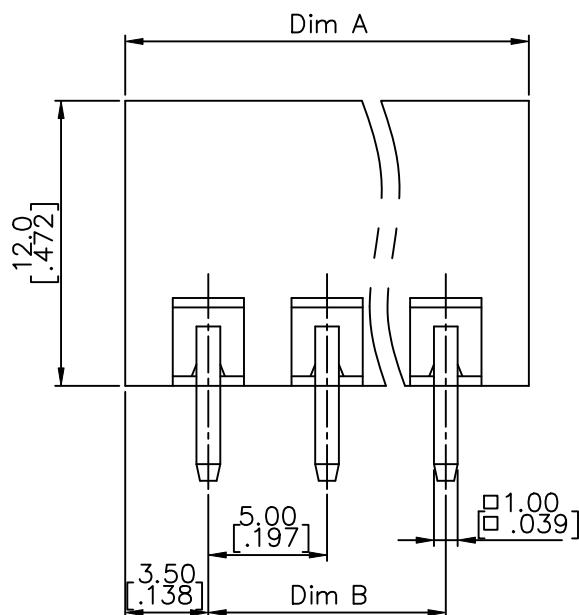
PRODUCT NUMBER	SERIES NAME	PITCH
20020107-GXXXXXXLF	06-500	5.00 mm



N = NUMBER OF POLES
DIMENSION

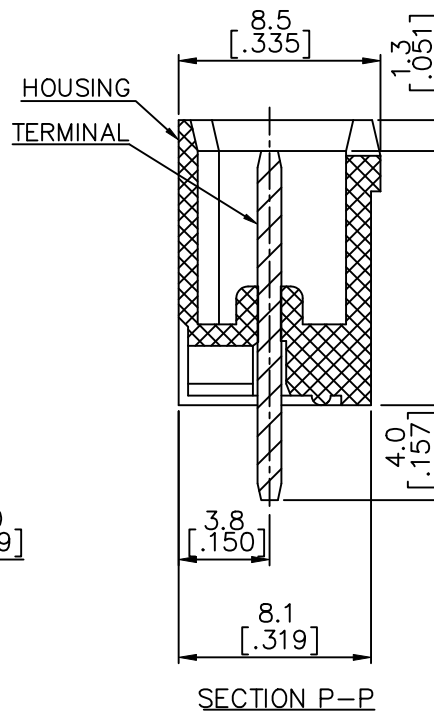
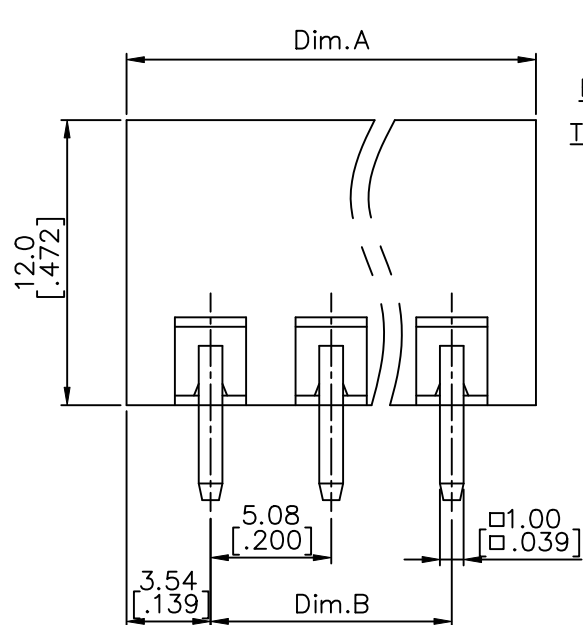
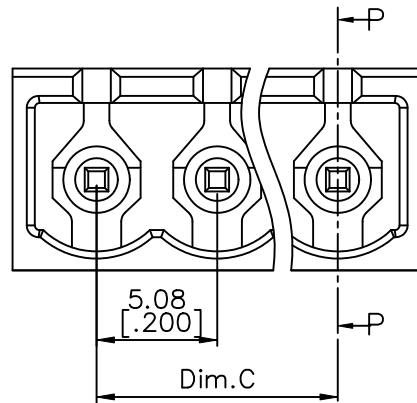
Dim A	$N \times 5.0 [.197] + 2.0 [.079]$
Dim B	$(N-1) \times 5.0 [.197]$
Dim C	$(N-1) \times 5.0 [.197]$

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			title
K							TERMINAL BLOCK
				angles	tolerances unless otherwise specified	MM [INCH]	PLUGABLE, SOCKET, SIGNAL, VERTICAL
				X°±1'	X.XX ±0.1 [.004]	scale	sheet 4 of 5 size
				dr	BEER FU 062509		20020107
				enr	BEER FU 062509		A4
				chr	GARY HSIEH 062509		
				appd	JOSEPH HSIA 062509		
sheet	revision						type
index	sheet						CUSTOMER Drawing

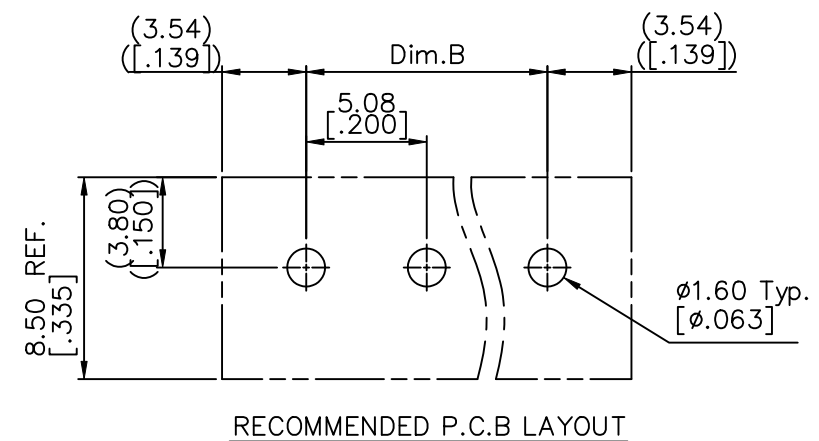
PRODUCT NUMBER	SERIES NAME	PITCH
20020107-HXXXXXXLF	06-508	5.08 mm



N = NUMBER OF POLES
DIMENSION

Dim A	$N \times 5.08 [.200] + 2.0 [.079]$
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
K							TERMINAL BLOCK
				angles	$X. \pm 0.5 [.020]$		PLUGABLE, SOCKET, SIGNAL, VERTICAL
				total	$X.X \pm 0.3 [.012]$		sheet 5 of 5 size
				$X' \pm 1'$	$X.XX \pm 0.1 [.004]$	scale	20020107 A4
			dr	BEER FU	062509	FCI	type
			enr	BEER FU	062509		CUSTOMER Drawing
			chr	GARY HSIEH	062509		
			app	JOSEPH HSIA	062509		
sheet index	revision	sheet					