

PRODUCT NUMBER
20020107-XXXXXXLF

20020107-     A   L F

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
PITCH (mm)		3.50	3.81	5.00
VOLTAGE RATING (VAC)		300	300	300
CURRENT RATING (A)	cULus	10	10	12
	VDE	10.5	10.5	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6
	VDE	2.5	2.5	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		tolerance		projection	product family	TERMINAL BLOCK	
litr	ecn	no	dr	date	tolerances unless otherwise specified		ASME Y14.5	ASME Y14.5			
E	T10-0159	WL	100410		angles	$\phi$	X.±0.5	[.020]	MM	TERMINAL BLOCK PLUGGABLE SOCKET, STRAIGHT	
F	T10-0187	WL	121410		angles	$\phi$	X.X.±0.3	[.012]	[INCH]		
G	T11-0013	WL	040811	X'±1"	XX.±0.1	[.004]			scale		
H	T-004330	WL	063011	dr	BEER FU		062509				
J	T-004746	WL	072011	engr	BEER FU		062509				
K	T-005754	WL	090611	chr	GARY HSIEH		062509				
				appd	JOSEPH HSIA		062509				
sheet	revision	K	K	K	K	K					
index	sheet	1	2	3	4	5					

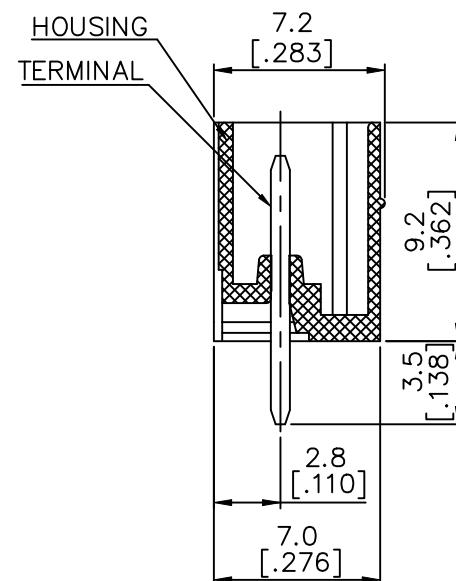
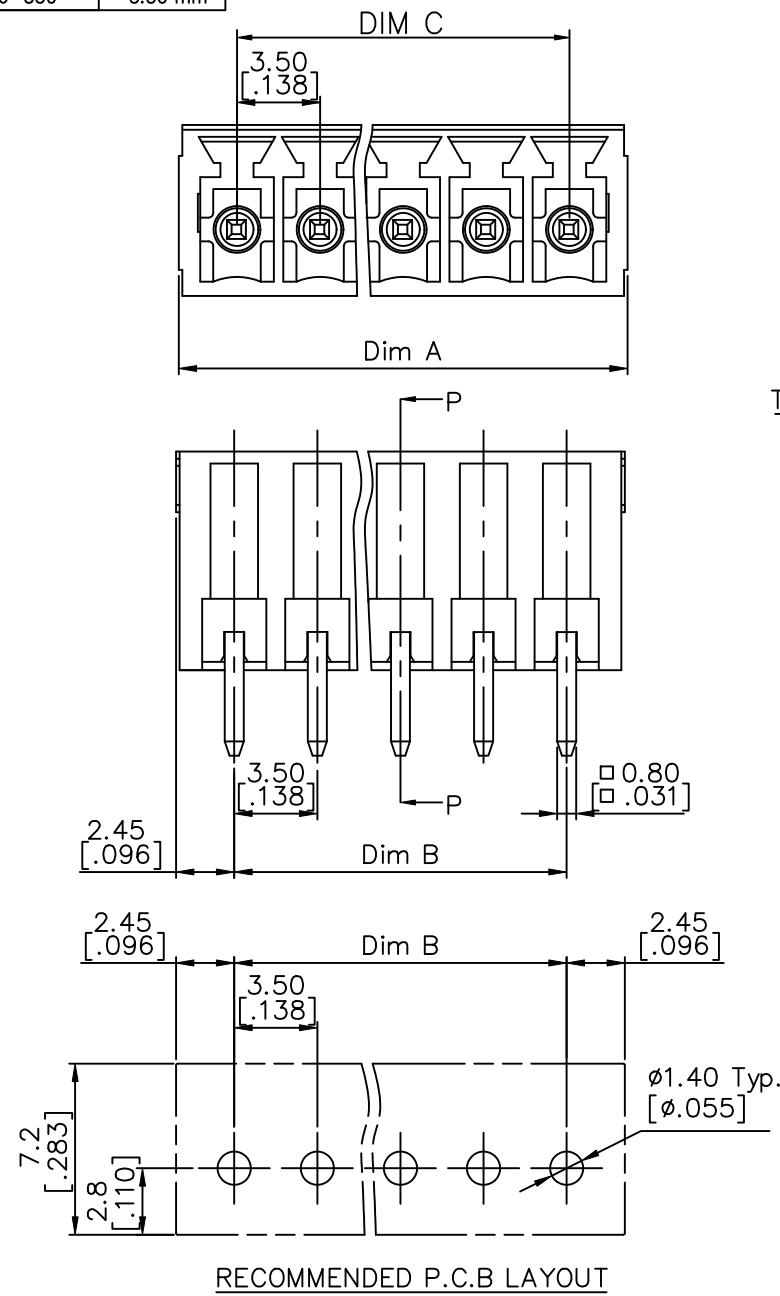


PRODUCT NUMBER	SERIES NAME	PITCH
20020107-CXXXXXXLF	06-350	3.50 mm

1 | 2

3 |

4



N= NUMBER OF POLES  
DIMENSION

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

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

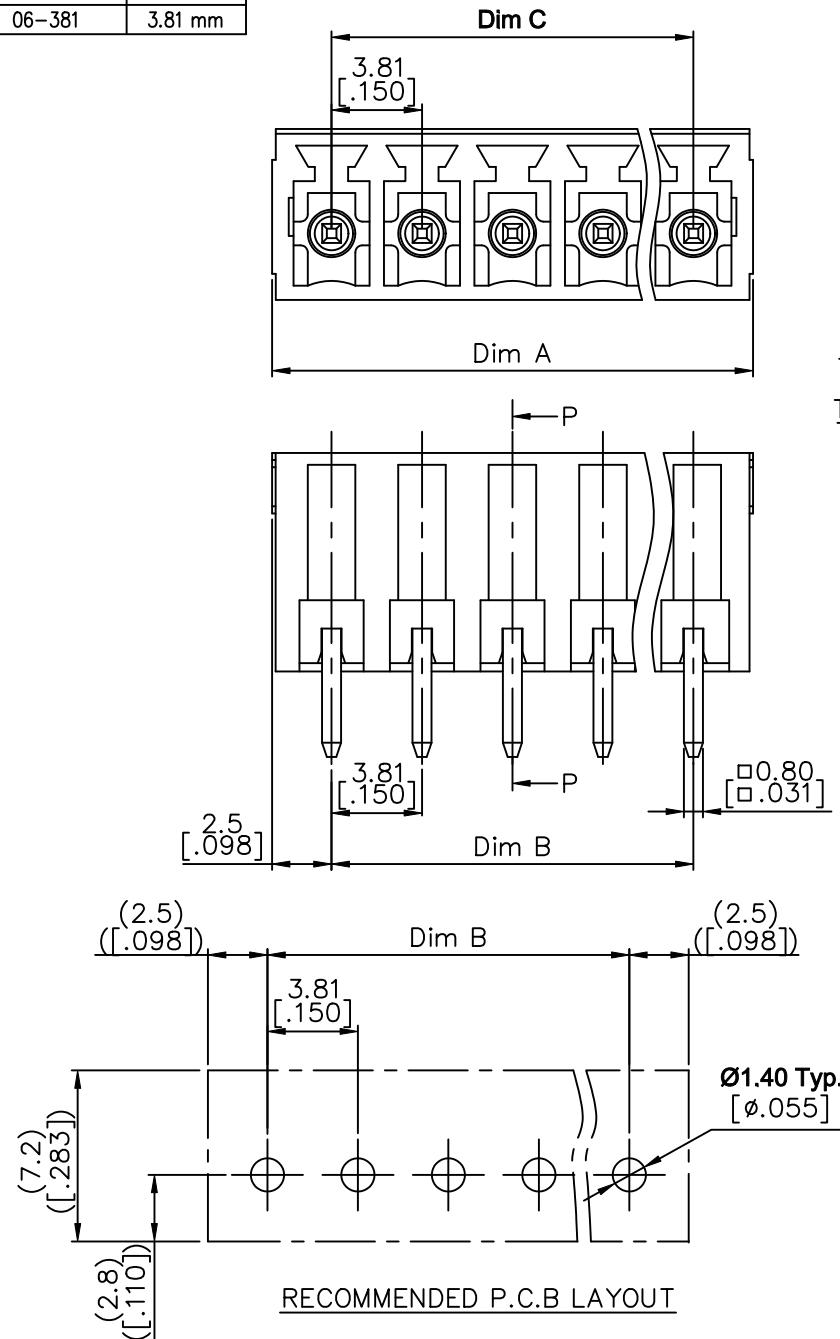
mat'l. code				surface	tolerance	projection	product family
ltr	ecn	no	dr	ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
K				tolerances unless otherwise specified			
				angles $\pm 0.5$ [.020]		MM	
				X.X $\pm 0.3$ [.012]		[INCH]	
				X'X $\pm 1$ [ .004]		scale	
			dr	BEER FU	062509		TERMINAL BLOCK
			engr	BEER FU	062509		PLUGABLE, SOCKET, SIGNAL, VERTICAL
			chr	GARY HSIEH	062509		
			appd	JOSEPH HSIA	062509		
			sheet	revision			
			index	sheet			

FCI

dwg no 20020107 sheet 2 of 5 size A4

type CUSTOMER Drawing

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



HOUSING  
TERMINAL

N= NUMBER OF POLES  
DIMENSION

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

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

mat'l. code				surface	tolerance	projection	product family
ltr	ecn	no	dr	ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
K				tolerances unless otherwise specified			
				angles $\pm 0.5^\circ$ [0.020]		MM	
				$X.X \pm 0.3^\circ$ [0.012]		[INCH]	
				$X^\circ \pm 1^\circ$	$X.XX \pm 0.1^\circ$ [0.004]	scale	
			dr	BEER FU	062509		
			engr	BEER FU	062509		
			chr	GARY HSIEH	062509		
			appd	JOSEPH HSIA	062509		
sheet		revision					
index		sheet					

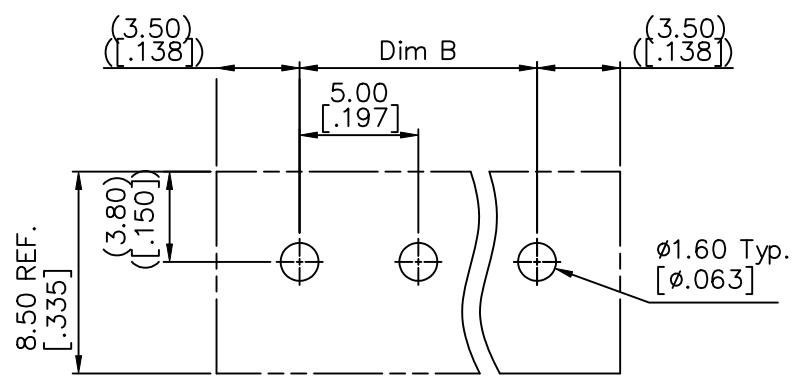
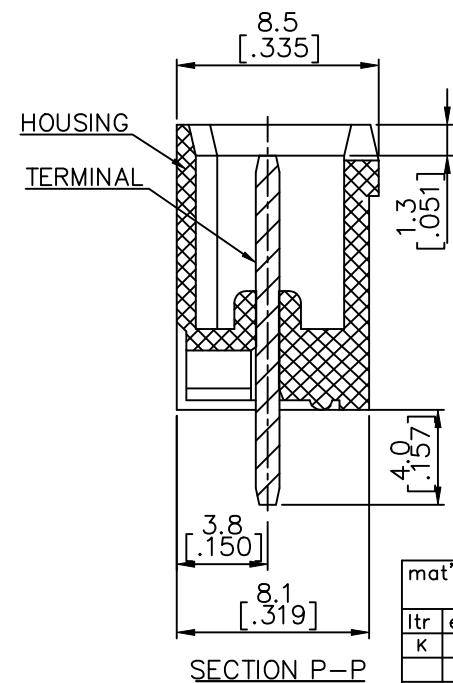
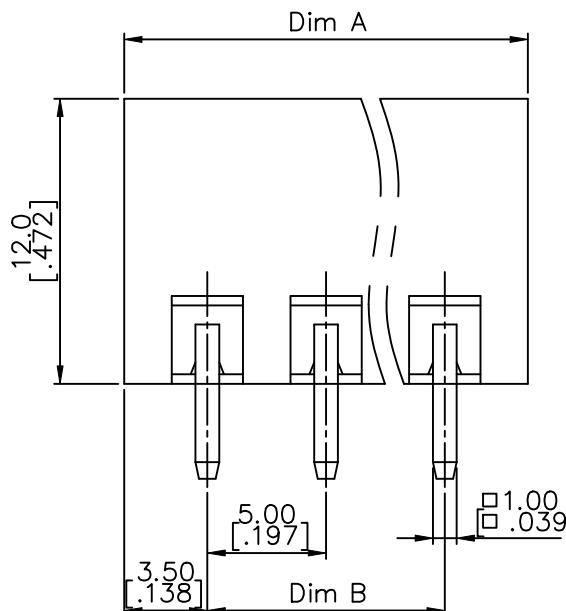
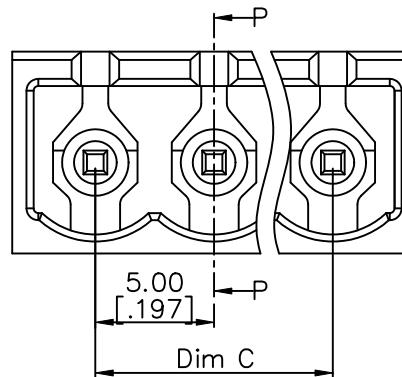
FCI

dwg no sheet 3 of 5 size A4

20020107

type CUSTOMER Drawing

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



N = NUMBER OF POLES  
DIMENSION

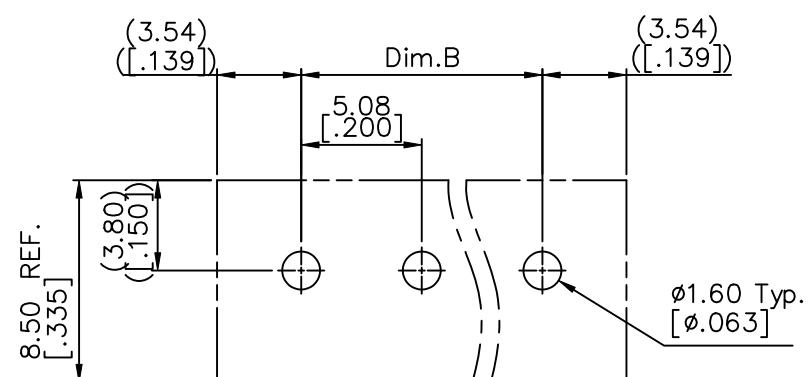
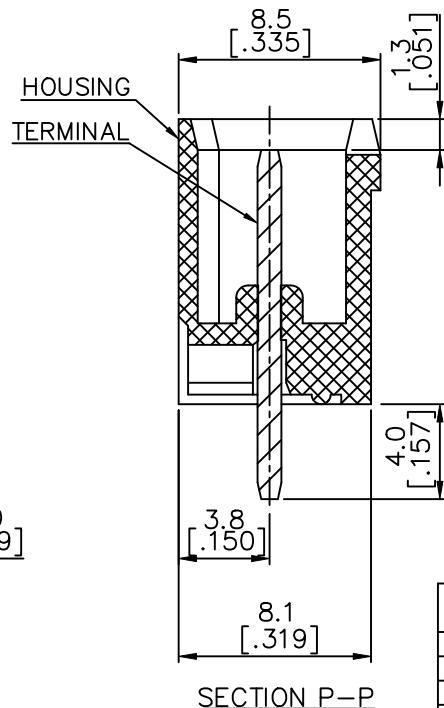
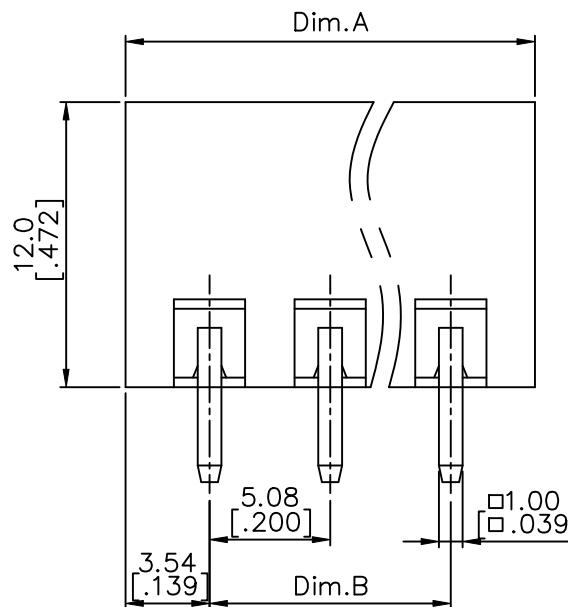
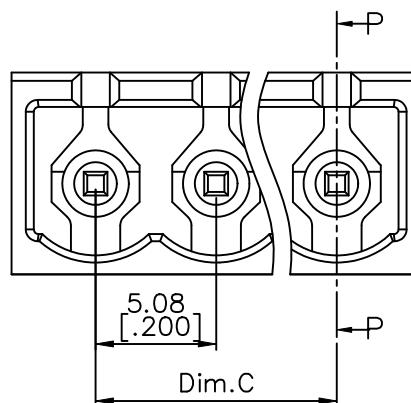
Dim A	$N*5.0[.197]+2.0[.079]$
Dim B	$(N-1)*5.0[.197]$
Dim C	$(N-1)*5.0[.197]$

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	tolerance	projection	product family		
Itr	ecn	no	dr	ASME Y14.5	ASME Y14.5		TERMINAL BLOCK		
K				tolerances unless otherwise specified					
				angles $\pm 0.5[.020]$					
				$\phi .XX \pm 0.3[.012]$		MM			
				$X' \pm 1'$	$X'XX \pm 0.1[.004]$	[INCH]			
			dr	BEER FU	062509				
			engr	BEER FU	062509				
			chr	GARY HSIEH	062509				
			appd	JOSEPH HSIA	062509				
sheet index		revision sheet							
dwg no									
20020107									
size A4									
type CUSTOMER Drawing									



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



mat'l. code				surface tolerance	projection	product family
Itr	ecn	no	dr	ASME Y14.5 ✓ ASME Y14.5		TERMINAL BLOCK
K				tolerances unless otherwise specified X. ±0.5 [0.020] X.X ±0.3 [0.012] X'±1" X.XX ±0.1 [0.004]	MM [INCH]	title
				dr BEER FU 062509	scale	TERMINAL BLOCK
				engr BEER FU 062509		PLUGABLE, SOCKET, SIGNAL, VERTICAL
				chr GARY HSIEH 062509		
				appd JOSEPH HSIA 062509		
sheet index		revision sheet				

