



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

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
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE		02~24	02~24	02~24
SAFETY CERTIFICATE				

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

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.

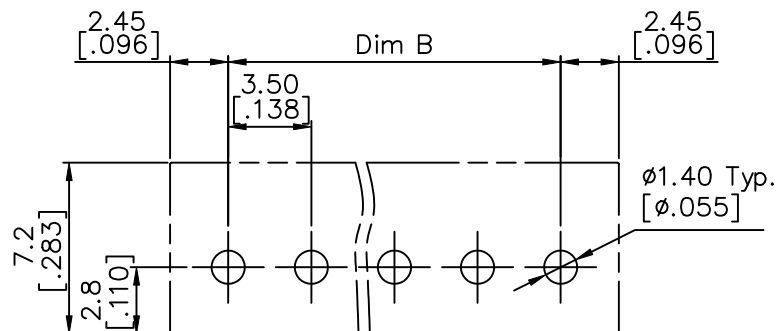
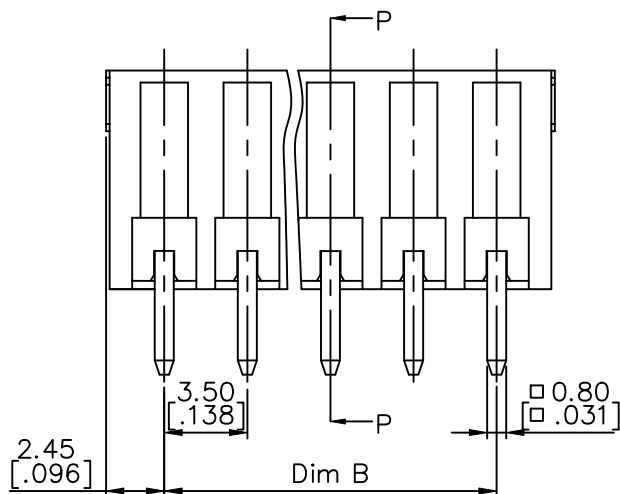
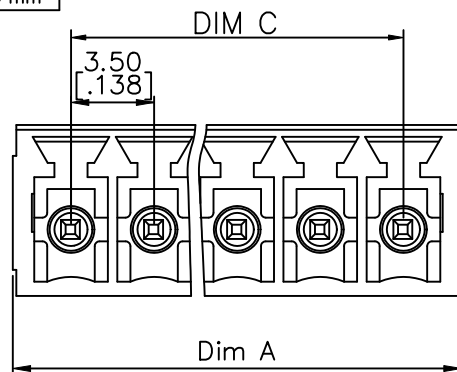
5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

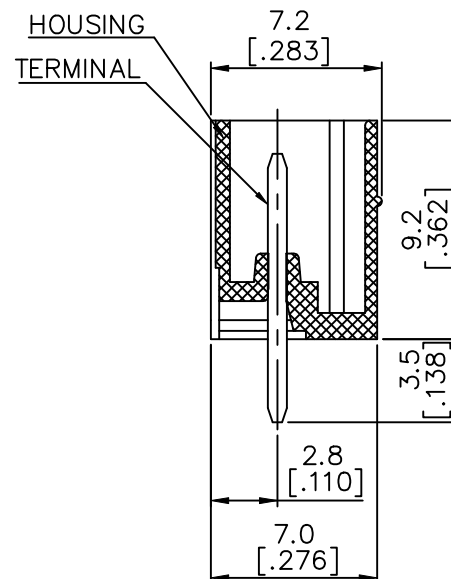
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
				tolerances unless otherwise specified			TERMINAL BLOCK
ltr	ecn no	dr	date	angles to face	X.±0.5[.020]		title TERMINAL BLOCK PLUGGABLE SOCKET, STRAIGHT
E	T10-0159	WL	100410		X.X±0.3[.012]		
F	T10-0187	WL	121410		X.XX±0.1[.004]		
G	T11-0013	WL	040811				
H	T-004330	WL	063011	dr	BEER FU	062509	dwg no 20020107 type CUSTOMER Drawing
J	T-004746	WL	072011	enr	BEER FU	062509	
K	T-005754	WL	090611	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
20020107-CXXXXXXLF	06-350	3.50 mm



RECOMMENDED P.C.B LAYOUT



SECTION P-P

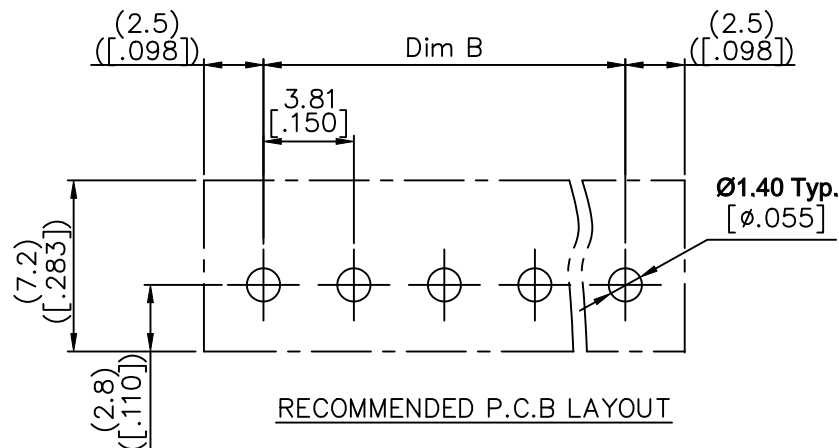
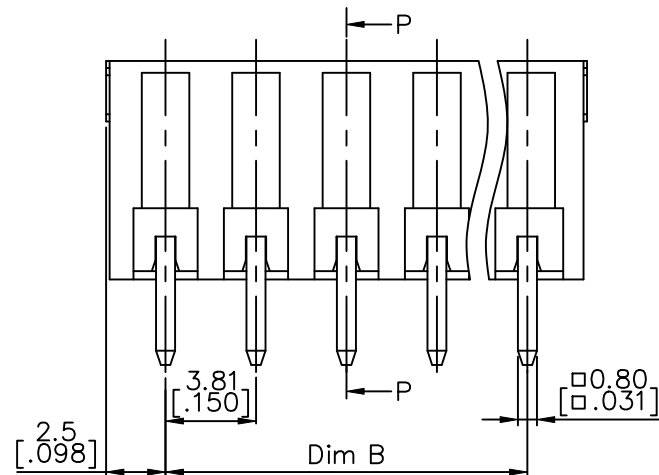
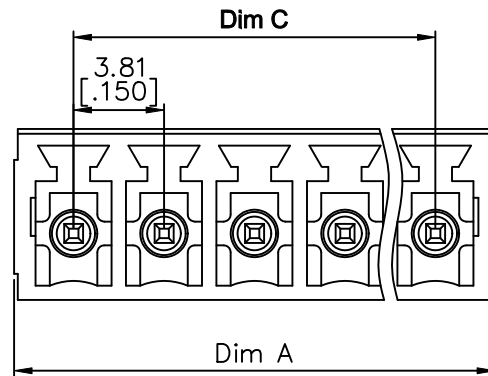
N= NUMBER OF POLES
DIMENSION

Dim A	$(N-1) \times 3.5 [0.138] + 4.9 [0.193]$
Dim B	$(N-1) \times 3.5 [0.138]$
Dim C	$(N-1) \times 3.5 [0.138]$

Poles	Tolerance
2P-6P	$\pm 0.15 [0.006]$
7P-12P	$\pm 0.20 [0.008]$
13P-18P	$\pm 0.25 [0.010]$
19P-24P	$\pm 0.30 [0.012]$

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
				PLUGABLE, SOCKET, SIGNAL, VERTICAL
				dwg no
				20020107
				sheet 2 of 5
				size
				A4
				type
				CUSTOMER Drawing
sheet index	revision	sheet		

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



HOUSING

TERMINAL

N= NUMBER OF POLES
DIMENSION

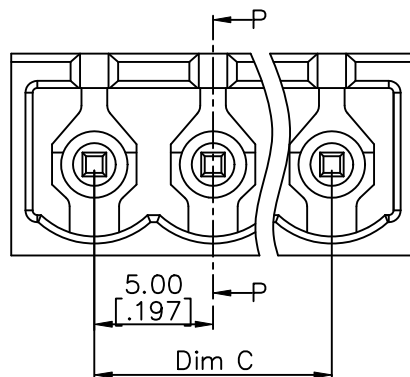
Dim A	$(N-1) \times 3.81 [.150] + 5.0 [.197]$
Dim B	$(N-1) \times 3.81 [.150]$
Dim C	$(N-1) \times 3.81 [.150]$

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

SECTION P-P

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
litr	ecn no	dr	date	title
K				TERMINAL BLOCK
				PLUGABLE, SOCKET, SIGNAL, VERTICAL
				sheet 3 of 5
				20020107
				A4
				type
				CUSTOMER Drawing
sheet index	revision	sheet		

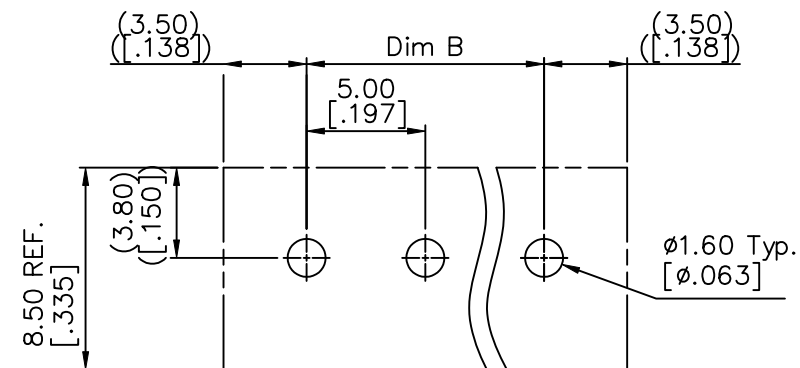
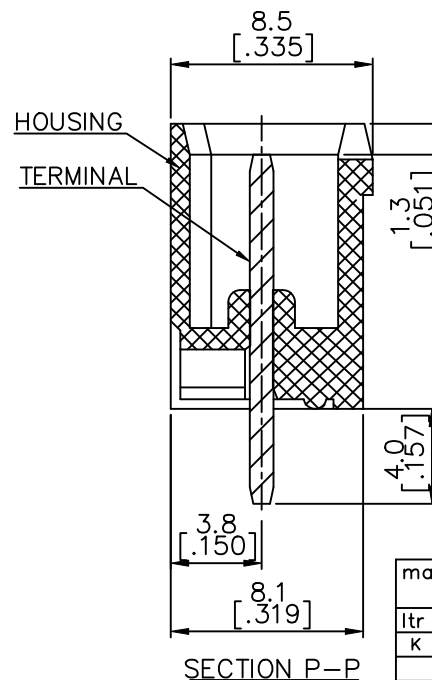
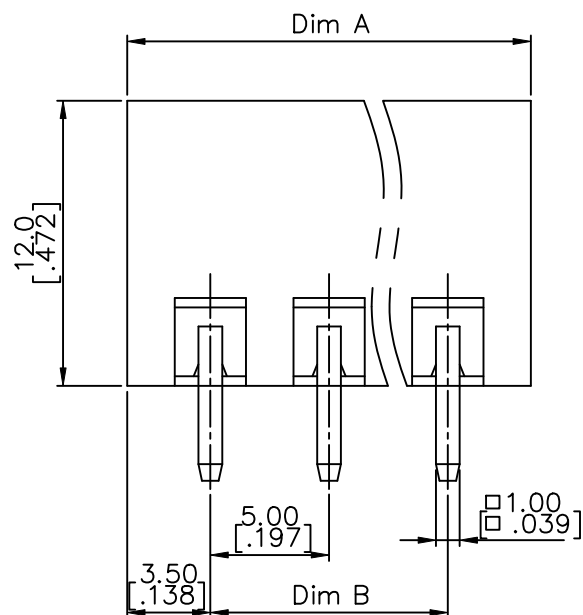
PRODUCT NUMBER	SERIES NAME	PITCH
20020107-GXXXXXXLF	06-500	5.00 mm



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	$\pm 0.40[.016]$



RECOMMENDED P.C.B LAYOUT

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
				inset	$X.X \pm 0.3[.012]$		sheet 4 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		
				appd	JOSEPH HSIA 062509		
sheet index	revision	sheet					

