

PRODUCT NUMBER

20020111-XXXXXXLF

20020111-□ □ □ □ A 0 □ 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

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:

1. MATERIALS

1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.

1-2 TERMINAL: COPPER ALLOY, TIN PLATED.

2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.

3. BOXED PACKAGING,

DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

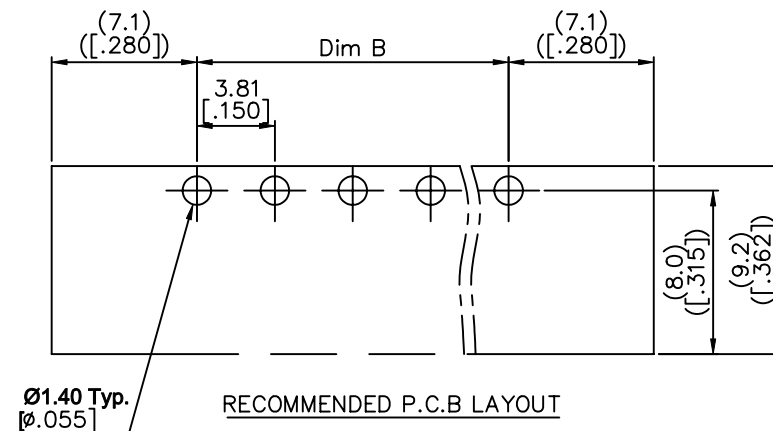
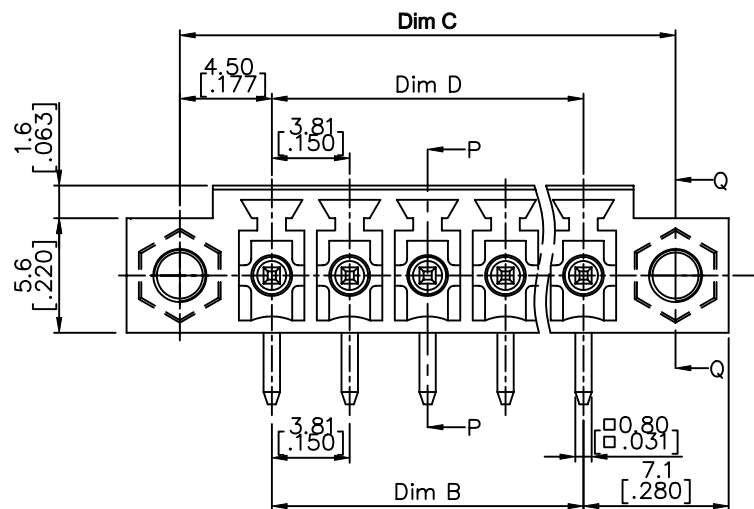
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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.

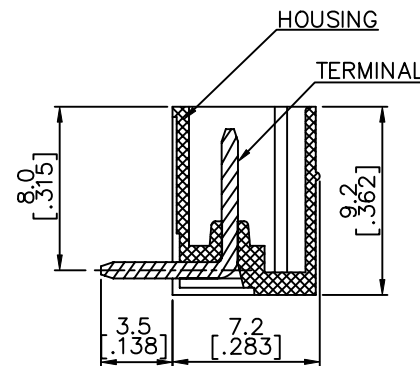
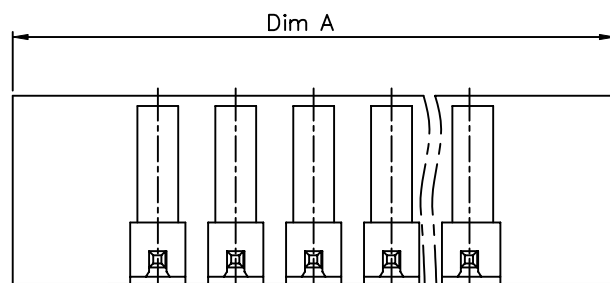
6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

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					
A	T10-0062	WL	050710	angles	lineal	X.±0.5[.020]			 MM [INCH]	TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE					
B	T10-0155	WL	093010			X.X±0.3[.012]									
C	T10-0187	WL	121410			X'±1° X.XX±0.1[.004]									
D	T11-0006	WL	012611	dr	WENDY CHEN	042610				dwg no		sheet 1 of 5		size	
E	T11-0013	WL	040811	engr	JASON HSU	042610				20020111		A4			
F	T-004860	WL	080411	chr	GARY HSIEH	042610									
				appd	JOSEPH HSIA	042610				type		CUSTOMER Drawing			
sheet index	revision	sheet	F 1	F 2	F 3	F 4	F 5								

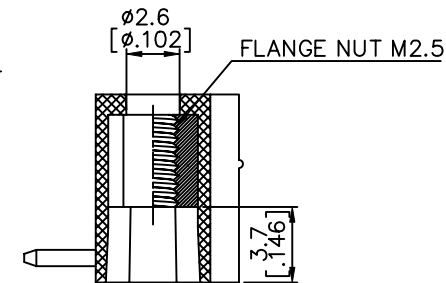
PRODUCT NUMBER	SERIES NAME	PITCH
20020111-DXXXXXXLF	06-381	3.81 mm



RECOMMENDED P.C.B LAYOUT



SECTION P-P



SECTION Q-Q

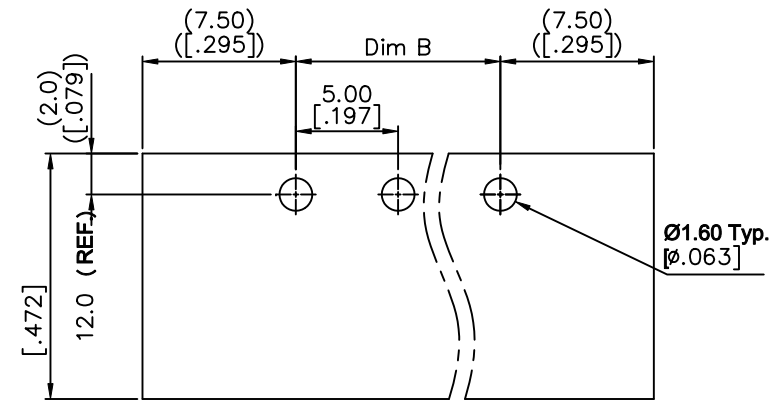
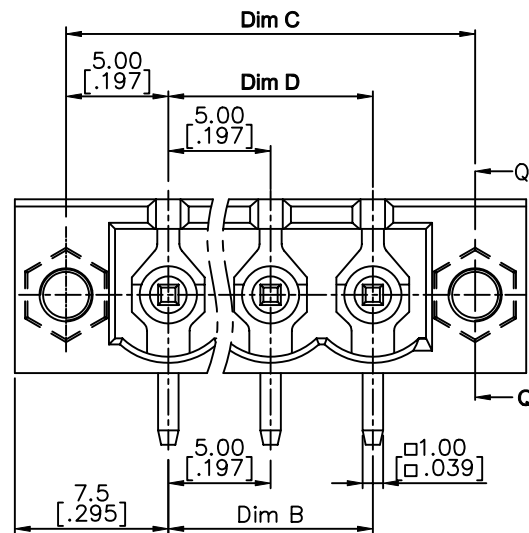
N= Number of poles

Dim A	$(N-1) \times 3.81 [.150] + 14.2 [.559]$
Dim B	$(N-1) \times 3.81 [.150]$
Dim C	$(N-1) \times 3.81 [.150] + 9.0 [.354]$
Dim D	$(N-1) \times 3.81 [.150]$

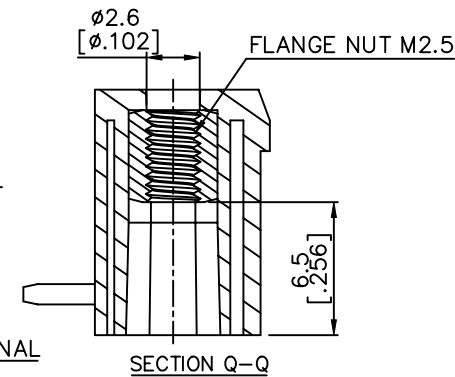
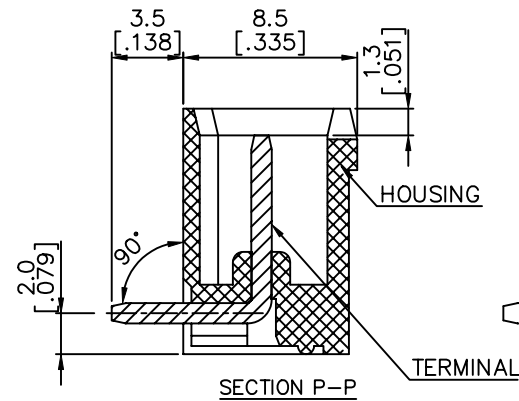
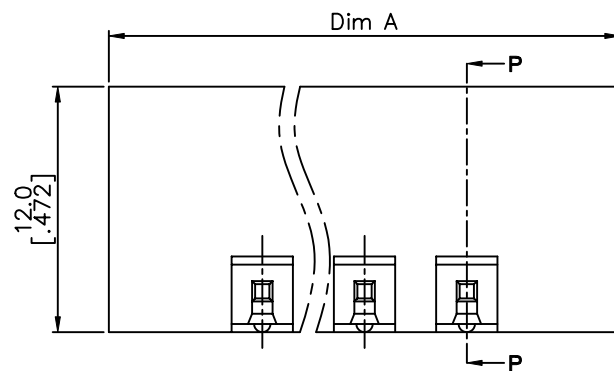
Poles	Tolerance
2p-6p	$\pm 0.15 [.006]$
7p-12p	$\pm 0.20 [.008]$
13p-16p	$\pm 0.25 [.010]$
17p-24p	$\pm 0.30 [.012]$

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			title
F				angles	$X \pm 0.5 [.020]$ $X.X \pm 0.3 [.012]$ $X.XX \pm 0.1 [.004]$		TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
dr				WENDY CHEN	042610	scale	dwg no
enr				JASON HSU	042610		sheet 3 of 5
chr				GARY HSIEH	042610		size
appd				JOSEPH HSIA	042610	A4	
sheet index				revision	sheet	type	
						CUSTOMER Drawing	

PRODUCT NUMBER	SERIES NAME	PITCH
20020111-GXXXXXXLF	06-500	5.00 mm



RECOMMENDED PCB LAYOUT



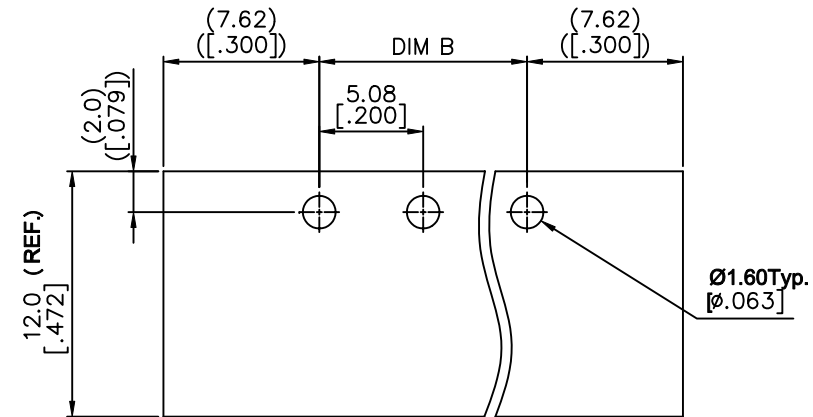
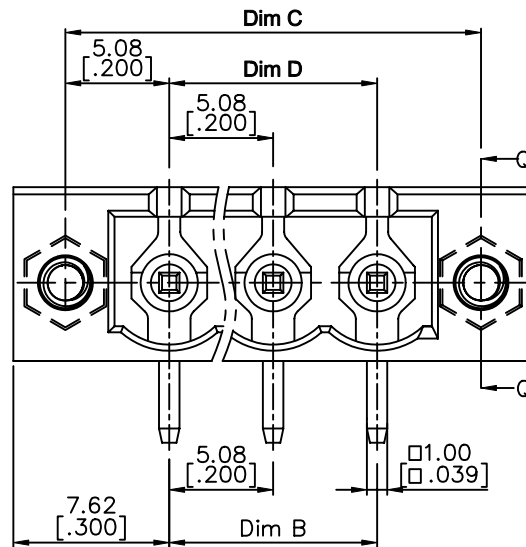
N= NUMBER OF POLES

Dim A	$(N+2)*5.0[.197]$
Dim B	$(N-1)*5.0[.197]$
Dim C	$(N+1)*5.0[.197]$
Dim D	$(N-1)*5.0[.197]$

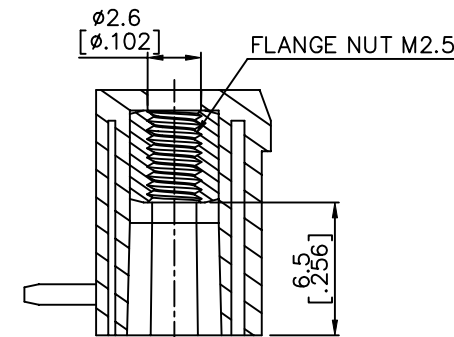
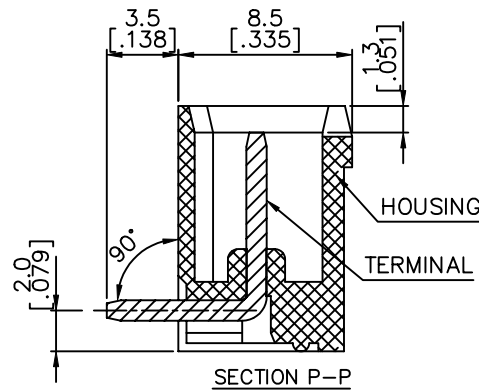
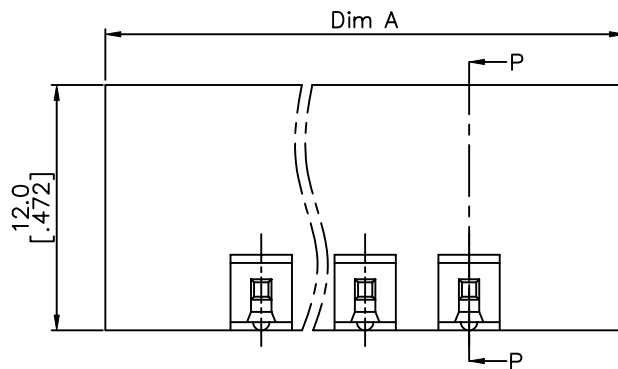
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.20[.008]$
13P-18P	$\pm 0.25[.010]$
19P-24P	$\pm 0.30[.012]$

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 TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE dwg no 20020111 sheet 4 of 5 A4 type CUSTOMER Drawing					
F				angles		linear		MM [INCH]							
				X.±0.5[.020]											
				X.X±0.3[.012]											
				X'±1"		X.XX±0.1[.004]		scale							
				dr		WENDY CHEN		042610							
				enr		JASON HSU		042610							
				chr		GARY HSIEH		042610							
				appd		JOSEPH HSIA		042610							
sheet index		revision sheet													

PRODUCT NUMBER	SERIES NAME	PITCH
20020111-HXXXXXXLF	06-508	5.08 mm



RECOMMENDED PCB LAYOUT



SECTION Q-Q

N= NUMBER OF CONCATS

Dim A	(N+2)*5.08 [.200]
Dim B	(N-1)*5.08 [.200]
Dim C	(N+1)*5.08 [.200]
Dim D	(N-1)*5.08 [.200]

Poles	Tolerance
2P-6P	±0.15 [.006]
7P-12P	±0.20 [.008]
13P-18P	±0.30 [.012]
19P-24P	±0.40 [.016]

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
litr	ecn no	dr	date	title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
F				dwg no 20020111
				sheet 5 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision sheet			