

PRODUCT NUMBER

20020111-XXXXXXLF

20020111-□□□□A0□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.

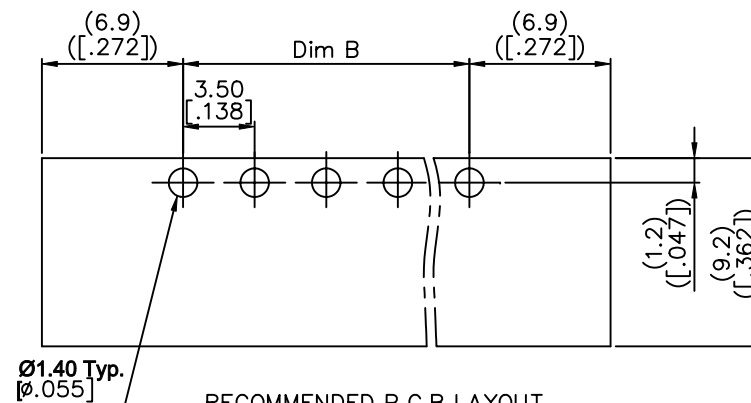
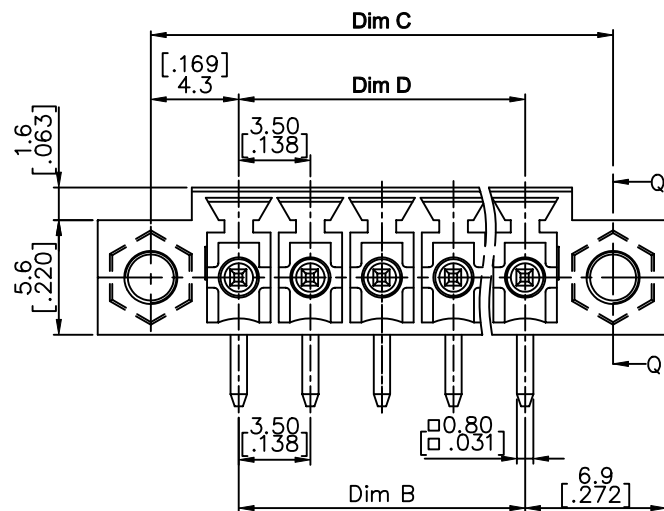
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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.

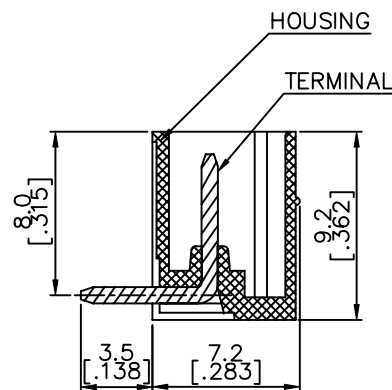
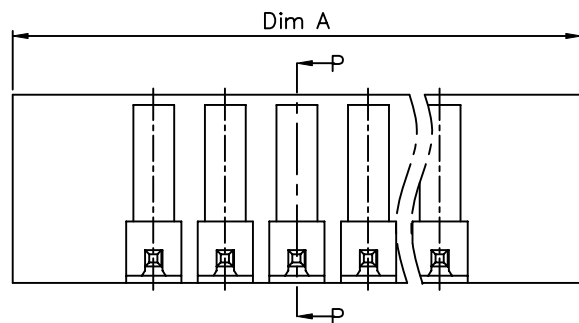
6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family	
				tolerances unless otherwise specified			TERMINAL BLOCK	
ltr	ecn no	dr	date	angles 	X.±0.5[.020]	 MM [INCH]	title	
A	T10-0062	WL	050710		X.X±0.3[.012]		TERMINAL BLOCK	
B	T10-0155	WL	093010		X.XX±0.1[.004]		PLUGGABLE, SOCKET, SIGNAL, R/A	
C	T10-0187	WL	121410				W/FLANGE	
D	T11-0006	WL	012611	dr	WENDY CHEN	042610	dwg no	sheet 1 of 5
E	T11-0013	WL	040811	enr	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		

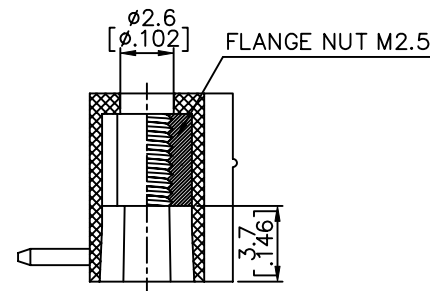
PRODUCT NUMBER	SERIES NAME	PITCH
20020111-CXXXXXXLF	06-350	3.50 mm



RECOMMENDED P.C.B LAYOUT



SECTION P-P



SECTION Q-Q

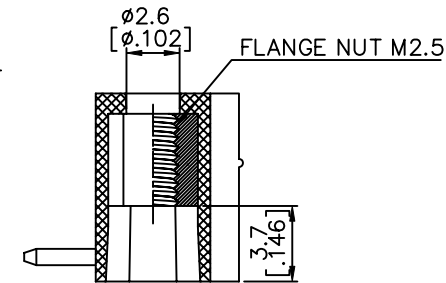
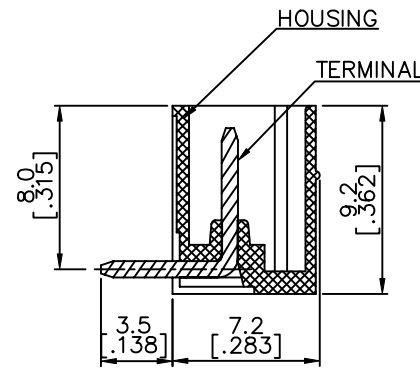
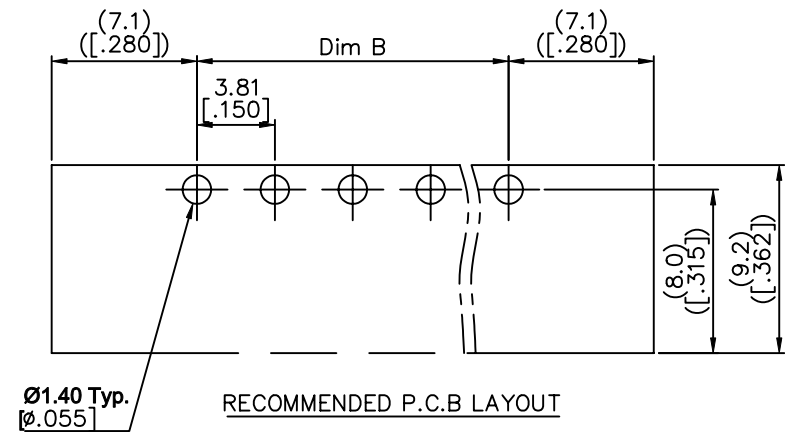
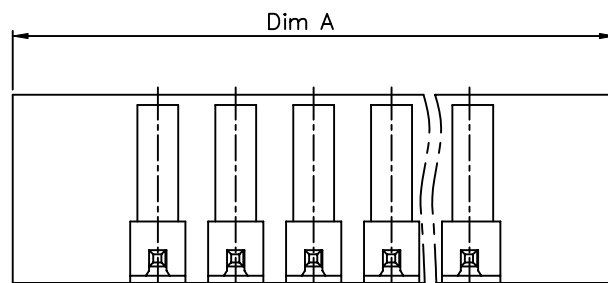
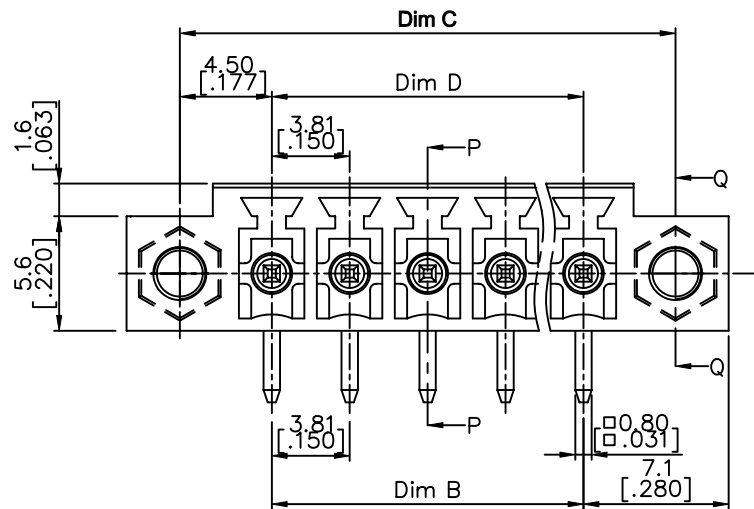
N= Number of poles

Dim A	$(N-1)*3.5[.138]+13.8[.543]$
Dim B	$(N-1)*3.5[.138]$
Dim C	$(N-1)*3.5[.138]+8.6[.339]$
Dim D	$(N-1)*3.5[.138]$

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	title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
F				dwg no 20020111
				sheet 2 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision sheet			

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



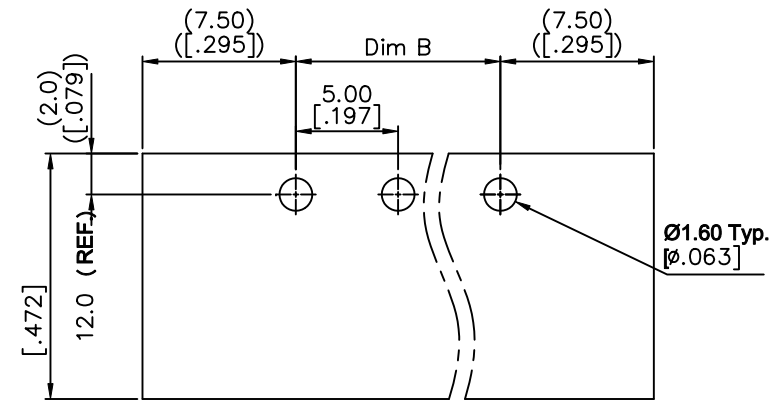
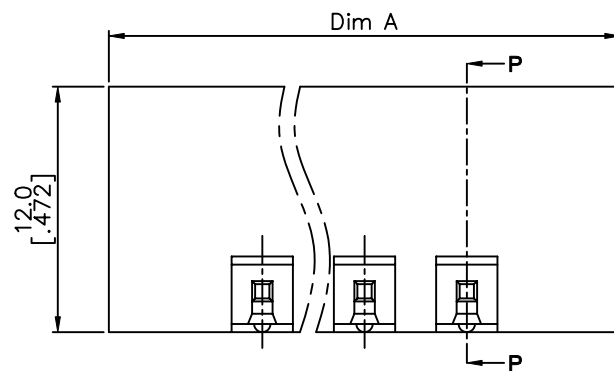
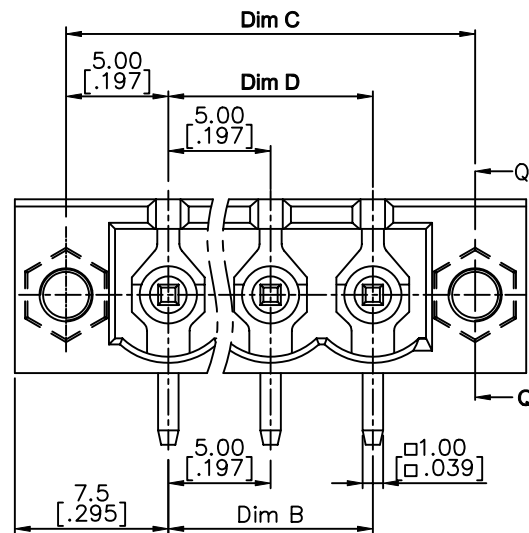
N= Number of poles

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	$(N-1) \times 3.81 [.150]$

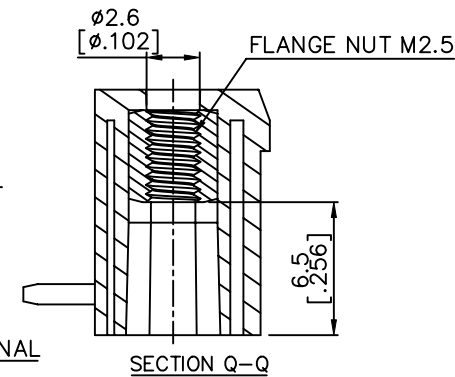
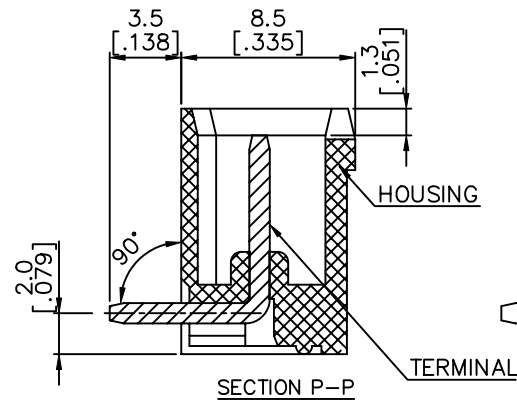
Poles	Tolerance
2p-6p	$\pm 0.15 [.006]$
7p-12p	$\pm 0.20 [.008]$
13p-16p	$\pm 0.25 [.010]$
17p-24p	$\pm 0.30 [.012]$

mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE			
F					angles	linear X.±0.5 [.020] X.X±0.3 [.012] X'±1" X.XX±0.1 [.004]	scale	dwg no		
					dr	WENDY CHEN	042610	sheet 3 of 5		
					enr	JASON HSU	042610	20020111		
					chr	GARY HSIEH	042610	A4		
					appd	JOSEPH HSIA	042610	type		
sheet index	revision	sheet						CUSTOMER Drawing		

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



RECOMMENDED PCB LAYOUT



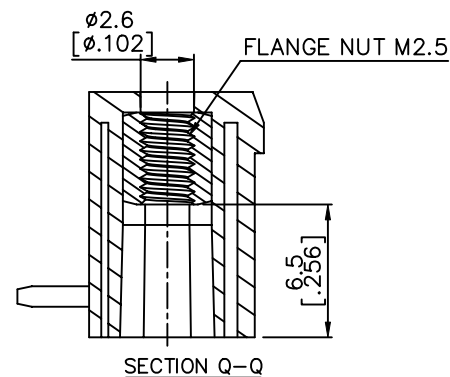
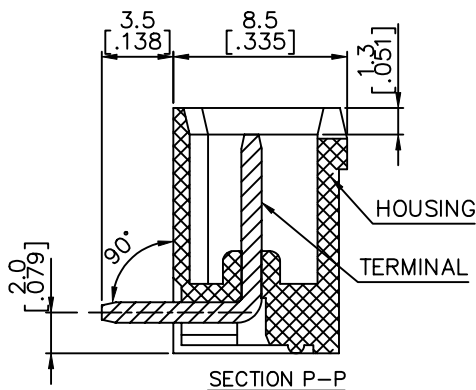
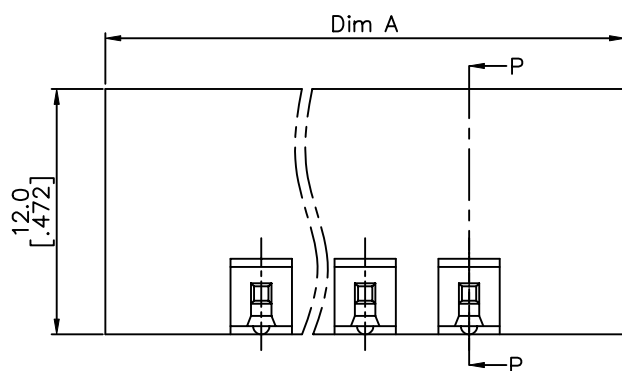
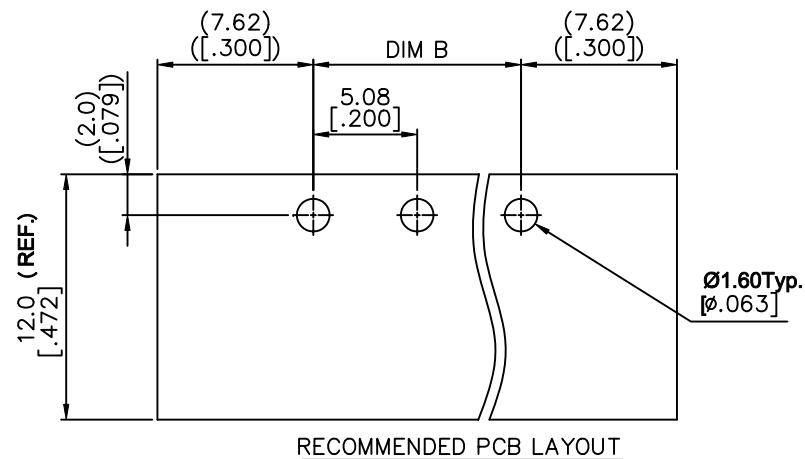
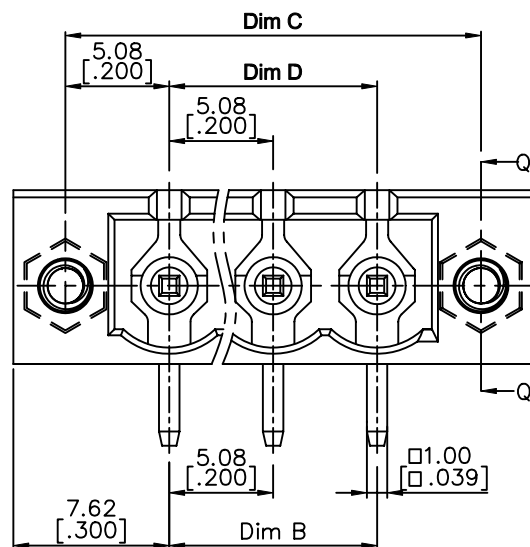
N= NUMBER OF POLES

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				 MM [INCH]		title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE			
F				angles $X \pm 0.5 [.020]$ $X.X \pm 0.3 [.012]$ $X' \pm 1' [X.XX \pm 0.1 [.004]]$									
				dr		WENDY CHEN		042610		dwg no 20020111 type CUSTOMER Drawing			
				engr		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



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