

PRODUCT NUMBER

20020111-XXXXXXLF

20020111-□□□□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

PROPERTY TABLE

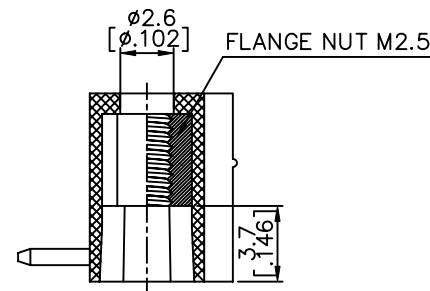
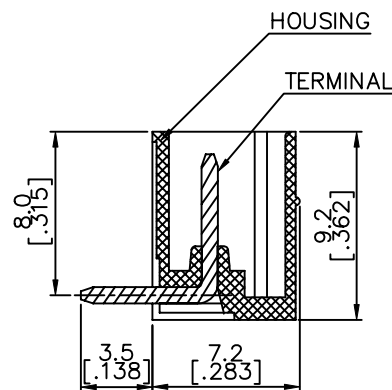
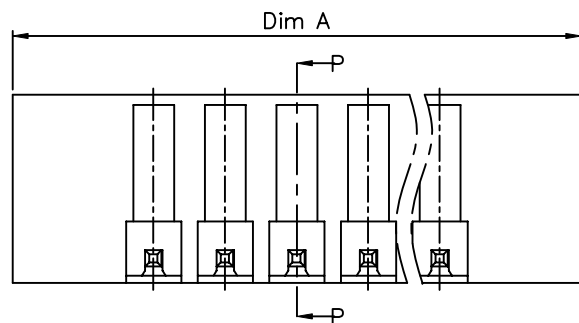
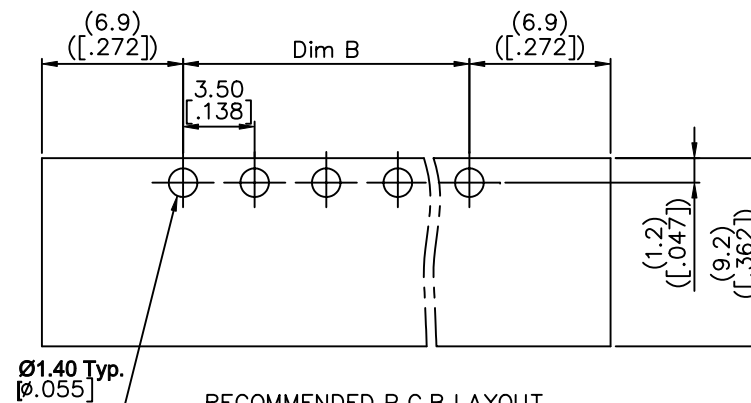
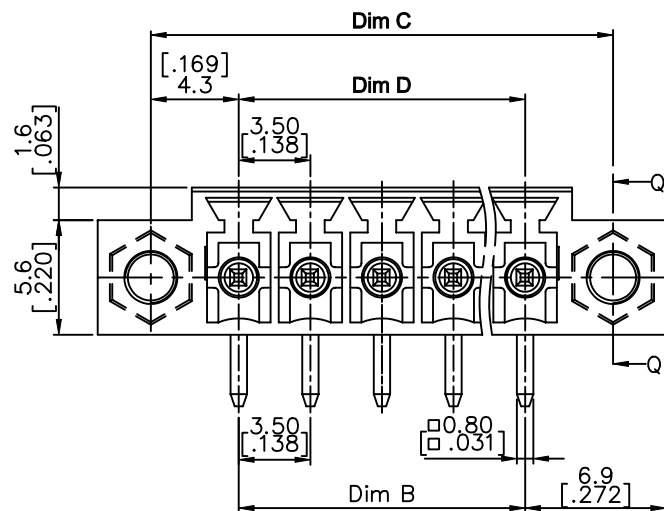
FCI SERIES NAME		06-350	06-381	06-500	06-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)	cULus	10	10	12	12
	VDE	10.5	10.5	NA	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6
	VDE	2.5	2.5	NA	NA
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115	-40~+115
SOLDERING 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.
- PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
- BOXED PACKAGING,
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
- FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.
- THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 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 to face	lineal	X.±0.5[.020]		 MM [INCH]	scale	TERMINAL BLOCK			
B	T10-0155	WL	093010			X.X±0.3[.012]				PLUGGABLE, SOCKET, SIGNAL, R/A			
C	T10-0187	WL	121410			X.XX±0.1[.004]				W/FLANGE			
D	T11-0006	WL	012611										
E	T11-0013	WL	040811	dr	WENDY CHEN	042610			dwg no		sheet 1 of 5 size		
F	T-004860	WL	080411	enr	JASON HSU	042610			20020111		A.		
				chr	GARY HSIEH	042610							
				appd	JOSEPH HSIA	042610			type		CUSTOMER Drawing		
sheet index		revision sheet		F	F	F	F						
				1	2	3	4	5					

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



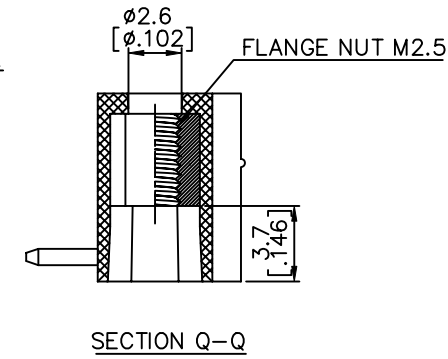
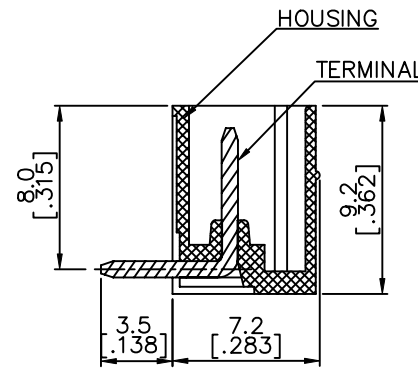
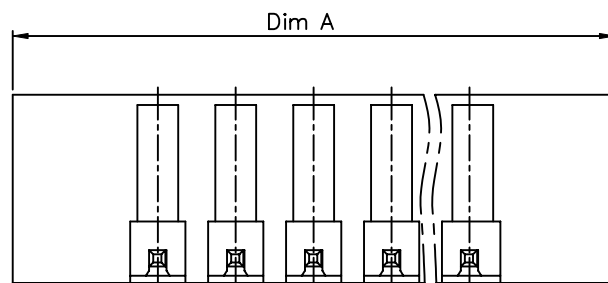
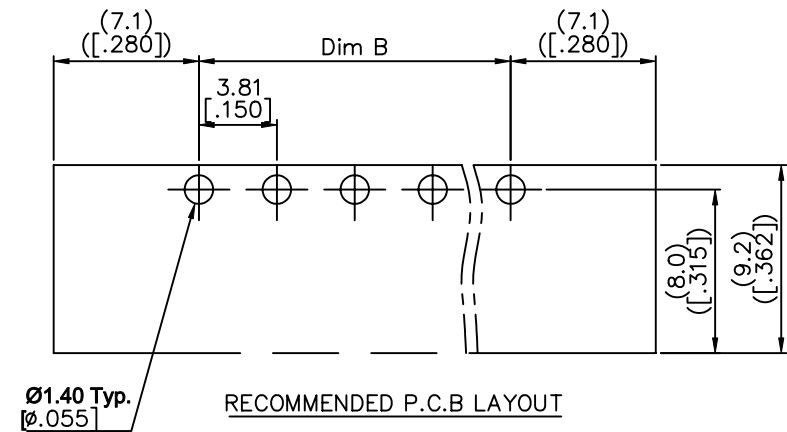
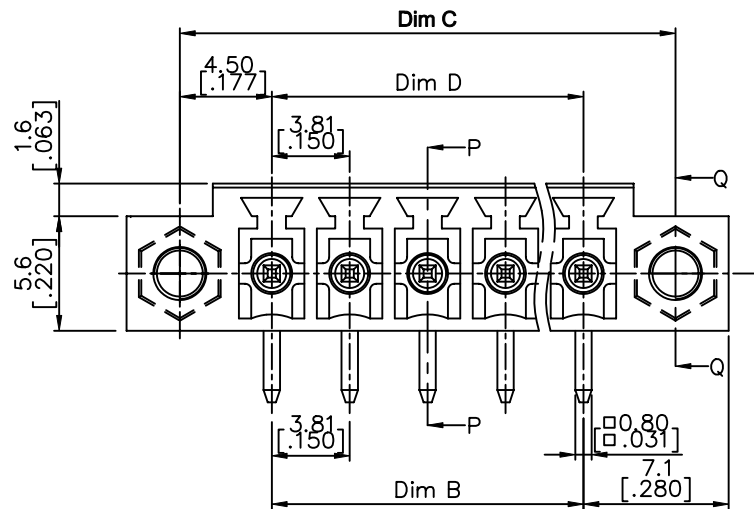
N= Number of poles

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



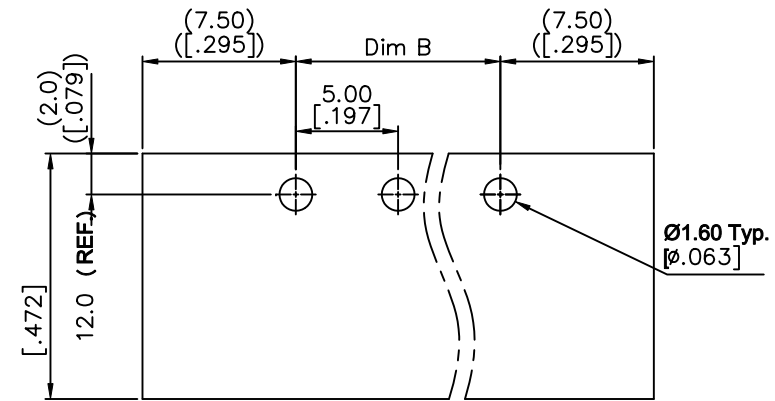
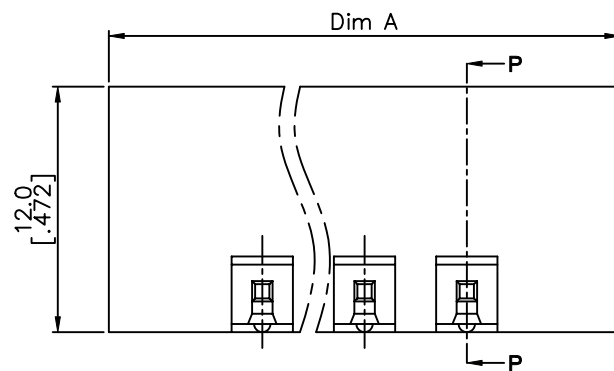
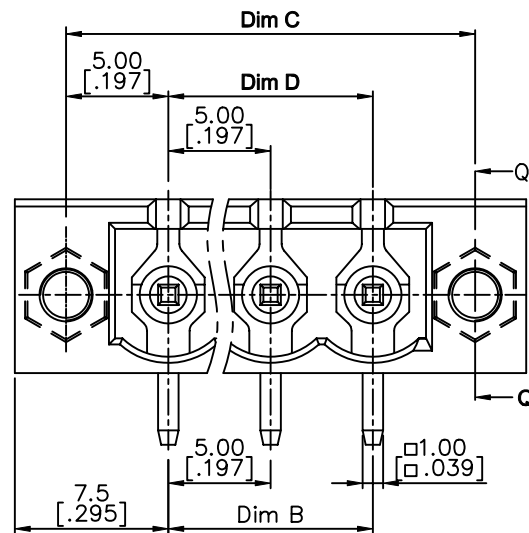
N= Number of poles

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

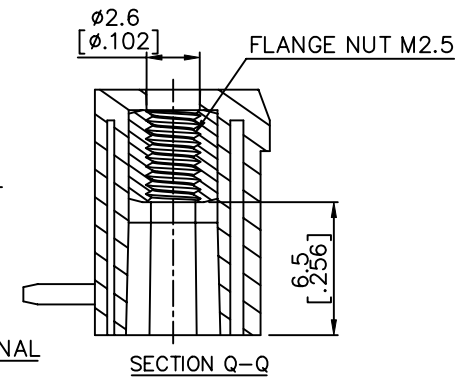
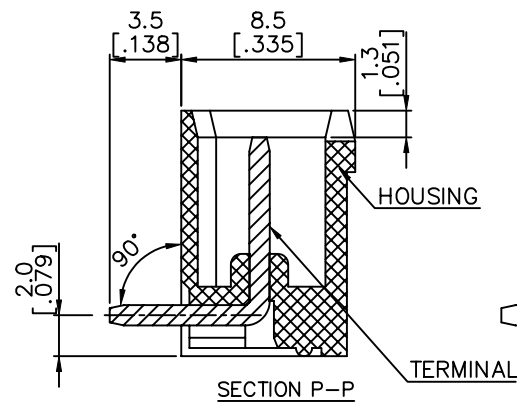
Poles	Tolerance
2p-6p	$\pm 0.15 [.006]$
7p-12p	$\pm 0.20 [.008]$
13p-16p	$\pm 0.25 [.010]$
17p-24p	$\pm 0.30 [.012]$

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
F				angles	$X \pm 0.5 [.020]$	MM	TERMINAL BLOCK
				inlet	$X.X \pm 0.3 [.012]$	INCH	PLUGGABLE, SOCKET, SIGNAL, R/A
				$X \pm 1^\circ$	$X.XX \pm 0.1 [.004]$	scale	W/FLANGE
		dr	WENDY CHEN	042610		FCI	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



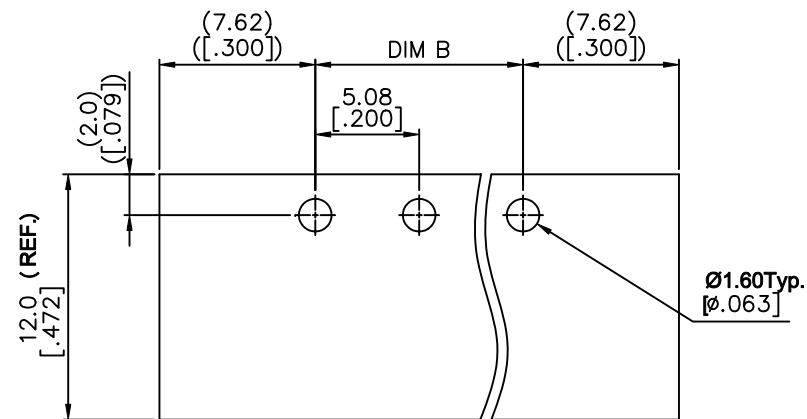
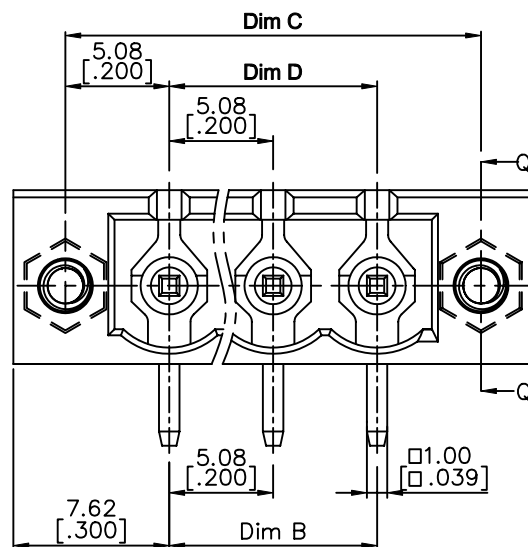
N= NUMBER OF POLES

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

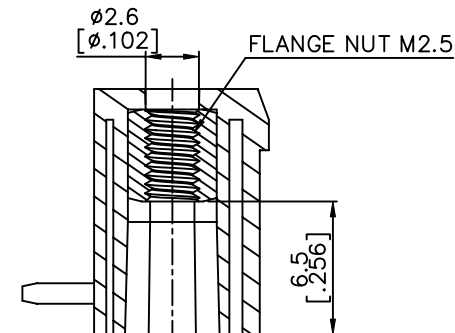
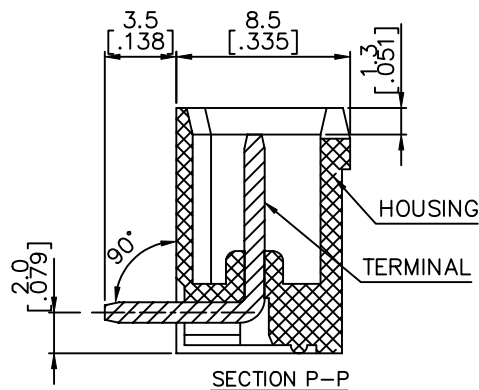
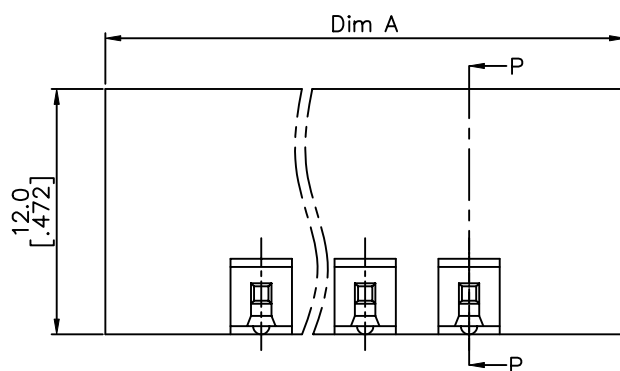
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.20[.008]$
13P-18P	$\pm 0.25[.010]$
19P-24P	$\pm 0.30[.012]$

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				 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



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			