

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

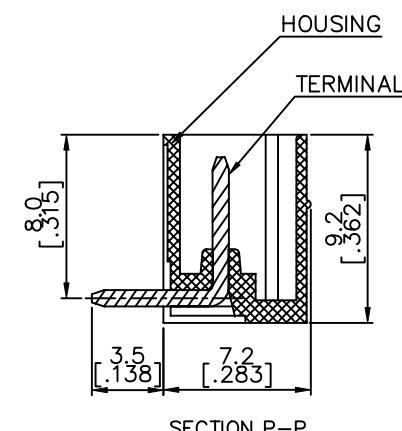
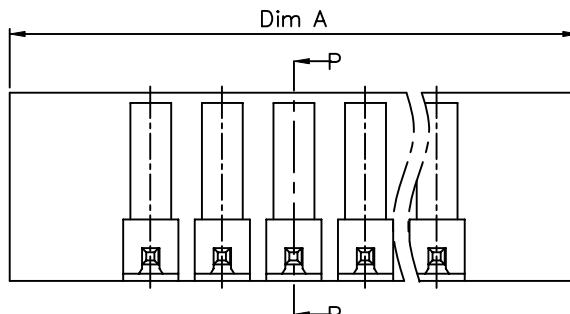
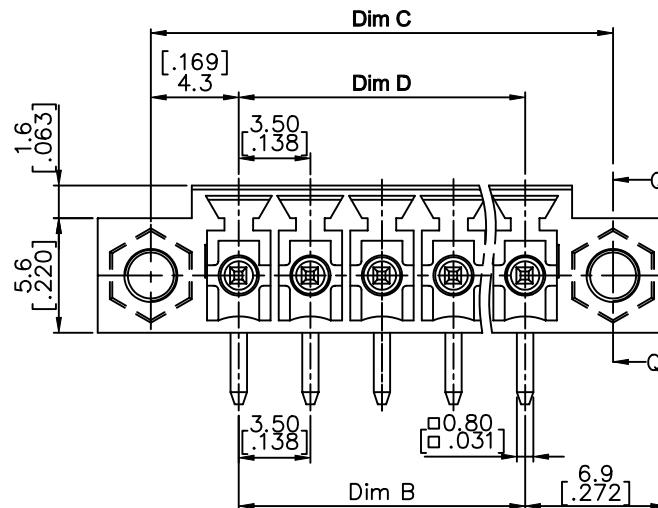
NOTES:

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.

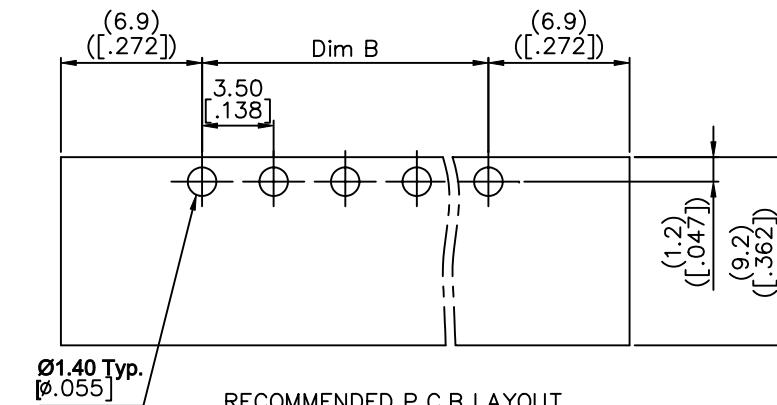
PROPERTY TABLE				
FCI SERIES NAME	06-350	06-381	06-500	06-508
PITCH (mm)	3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)	300	300	300	300
CURRENT RATING (A)	cULus 10	10	12	12
	VDE 10.5	10.5	NA	NA
WITHSTANDING VOLTAGE (kV)	cULus 1.6	1.6	1.6	1.6
	VDE 2.5	2.5	NA	NA
OPERATING TEMP. (°C)	-40~+115	-40~+115	-40~+115	-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	  			

mat'l. code				surface tolerance ASME Y14.5		projection		product family	TERMINAL BLOCK		
ltr	ecn	no	dr	date	tolerances unless otherwise specified	angle	scale		dwg no	sheet 1 of 5	size
A	T10-0062	WL	050710		XX.±0.5[.020]	X.±0.5[.020]	MM	TERMINAL BLOCK	20020111		A4
B	T10-0155	WL	093010		XX.±0.3[.012]	X.X.±0.3[.012]	[INCH]	PLUGGABLE, SOCKET, SIGNAL, R/A			
C	T10-0187	WL	121410	X'±1"	XX.XX±0.1[.004]	X.XX±0.1[.004]	scale	W/FLANGE			
D	T11-0006	WL	012611	dr	WENDY CHEN	042610					
E	T11-0013	WL	040811	engr	JASON HSIEH	042610					
F	T-004860	WL	080411	chr	GARY HSIEH	042610					
				appd	JOSEPH HSIA	042610					
sheet	revision	F	F	F	F	F					
index	sheet	1	2	3	4	5					

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



SECTION P-P

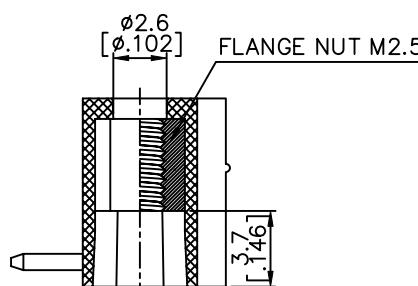


RECOMMENDED P.C.B. LAYOUT

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

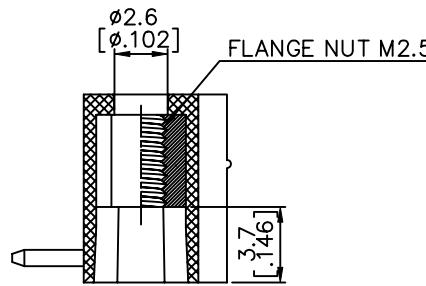
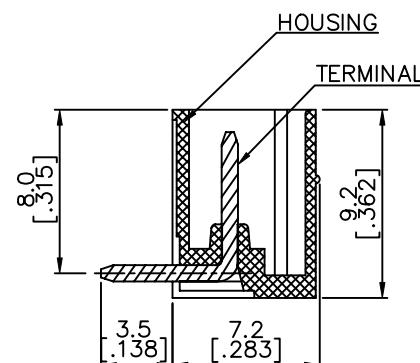
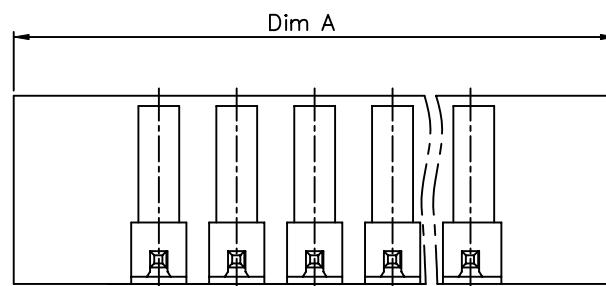
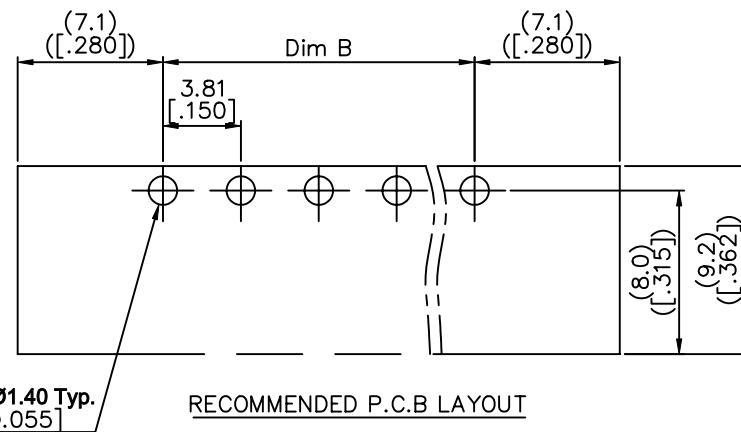
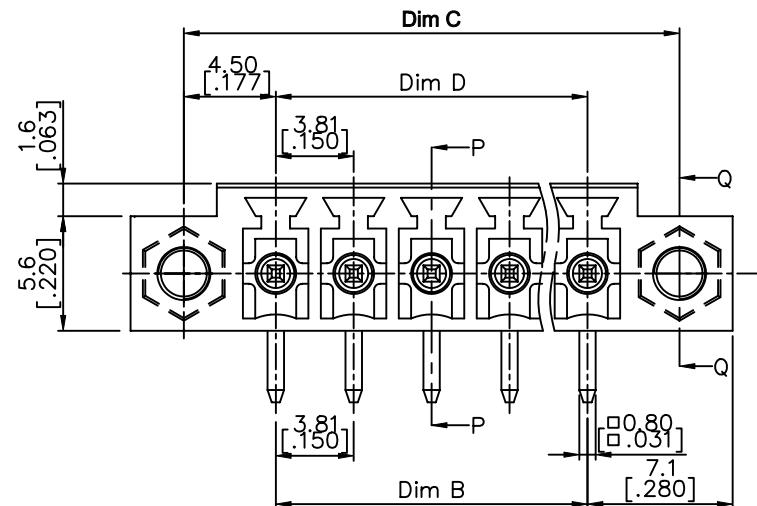


SECTION Q-Q

mat'l. code				surface tolerance ASME Y14.5	tolerance ASME Y14.5	projection	product family
ltr	ecn	no	dr	date	tolerances unless otherwise specified		TERMINAL BLOCK
F					angles X.±0.5[.020]	MM	
					X.X±0.3[.012]	[INCH]	
					X.X±1[.004]	scale	
			dr	WENDY CHEN 042610			
			engr	JASON HSIA 042610			
			chr	GARY HSIEH 042610			
			appd	JOSEPH HSIA 042610			
sheet index		revision sheet					



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

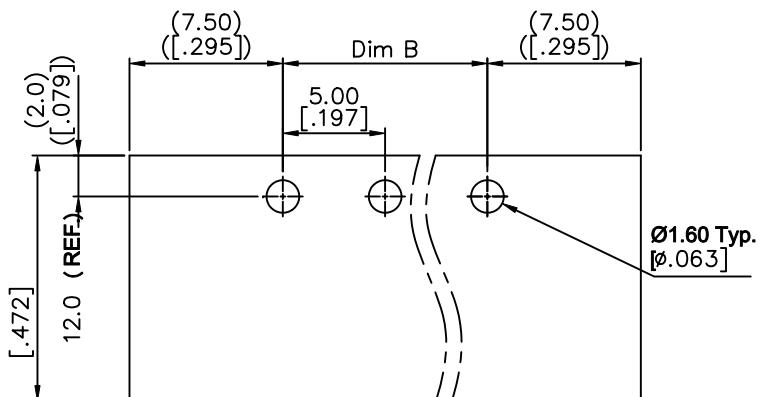
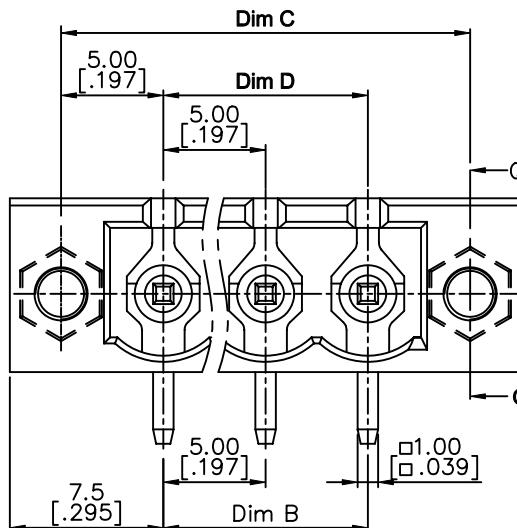


N= Number of poles
Dim A $(N-1)*3.81[-.150]+14.2[.559]$
Dim B $(N-1)*3.81[-.150]$
Dim C $(N-1)*3.81[-.150]+9.0[.354]$
Dim D $(N-1)*3.81[-.150]$

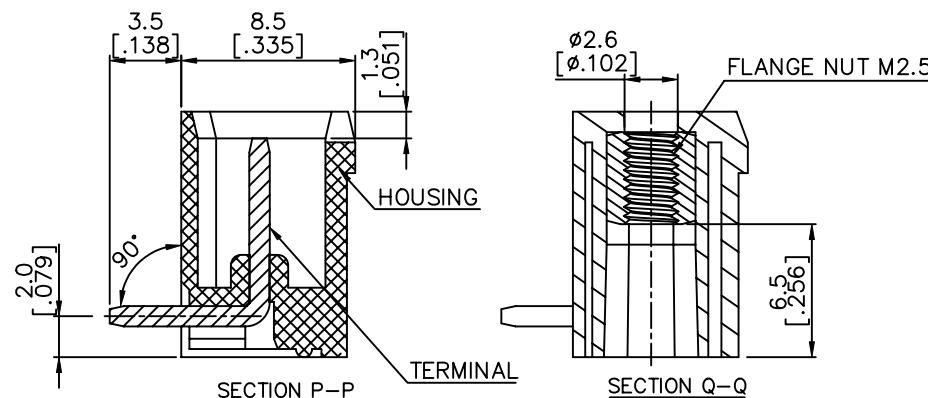
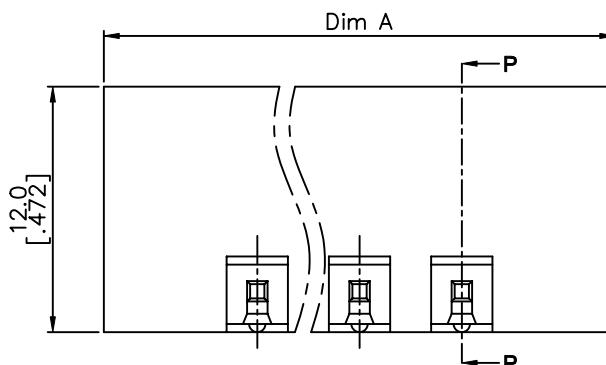
Poles	Tolerance
2p-6p	± 0.15 [.006]
7p-12p	± 0.20 [.008]
13p-16p	± 0.25 [.010]
17p-24p	± 0.30 [.012]

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

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



RECOMMENDED PCB LAYOUT



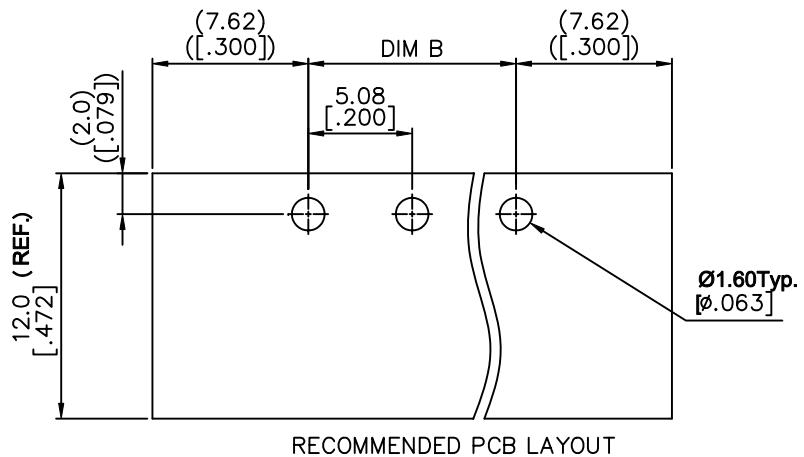
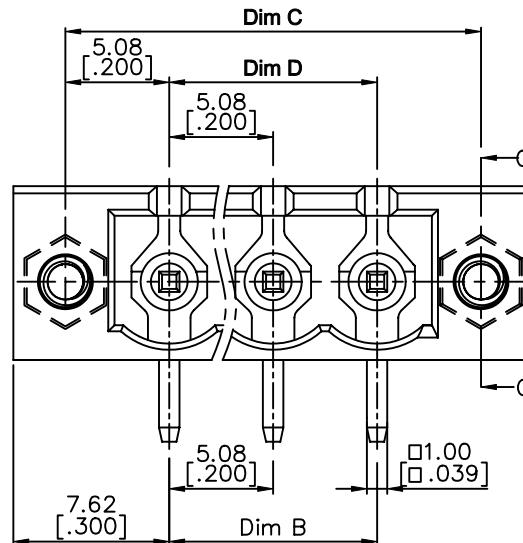
N= NUMBER OF POLES	
Dim A	$(N+2)*5.0[.197]$
Dim B	$(N-1)*5.0[.197]$
Dim C	$(N+1)*5.0[.197]$
Dim D	$(N-1)*5.0[.197]$
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.20[.008]$
13P-18P	$\pm 0.25[.010]$
19P-24P	$\pm 0.30[.012]$

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

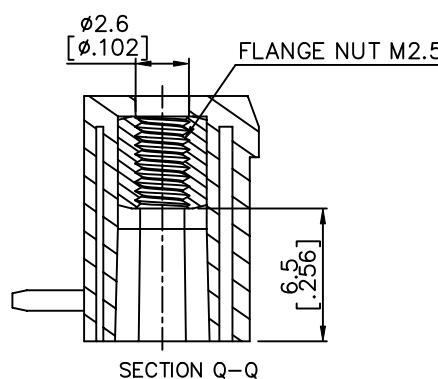
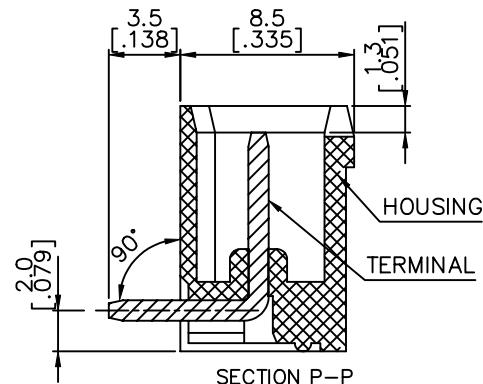
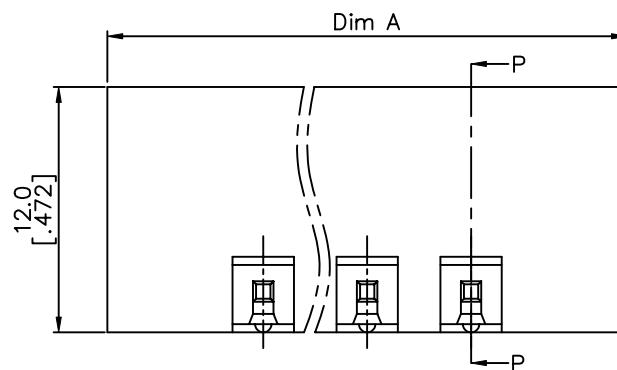
1 | 2

3 |

4



RECOMMENDED PCB LAYOUT



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 tolerance ASME Y14.5	tolerance ASME Y14.5	projection	product family
ltr	ecn	no	dr	tolerances unless otherwise specified			TERMINAL BLOCK
F				angles	X.±0.5[.020]	MM	
				X.±1"	X.X±0.3[.012]	[INCH]	
					X.XX±0.1[.004]	scale	
			dr	WENDY CHEN	042610		
			engr	JASON HSU	042610		
			chr	GARY HSIEH	042610		
			appd	JOSEPH HSIA	042610		
sheet index		revision sheet					

