

PRODUCT NUMBER

20020108-XXXXXXLF

20020108-□□□□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

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					

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.

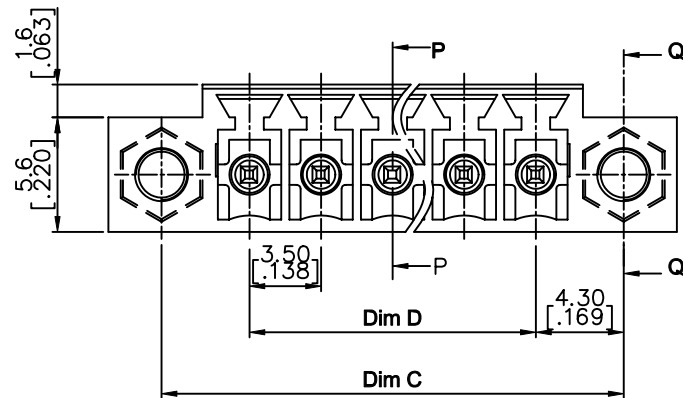
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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.

mat'l. code				surface	tolerance	projection	product family	
				ASME Y14.5	ASME Y14.5		TERMINAL BLOCK	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
A	T10-0062	WL	050710	angles	X.±0.5[.020]		TERMINAL BLOCK	
B	T10-0155	WL	093010	tol	X.X±0.3[.012]		PLUGGABLE, SOCKET, SIGNAL, STRAIGHT	
C	T10-0187	WL	121410	X'±1"	X.XX±0.1[.004]	scale	W/FLANGE	
D	T11-0019	WL	040611	dr	WENDY CHEN	042310	sheet 1 of 5	
E	T-004860	WL	080411	enr	JASON HSU	042310	20020108	
				chr	GARY HSIEH	042310	A4	
				appd	JOSEPH HSIA	042310	type	
							CUSTOMER Drawing	
sheet index	revision	E	E	E	E	E		
	sheet	1	2	3	4	5		

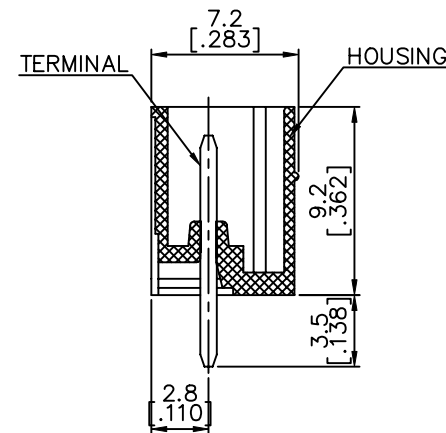
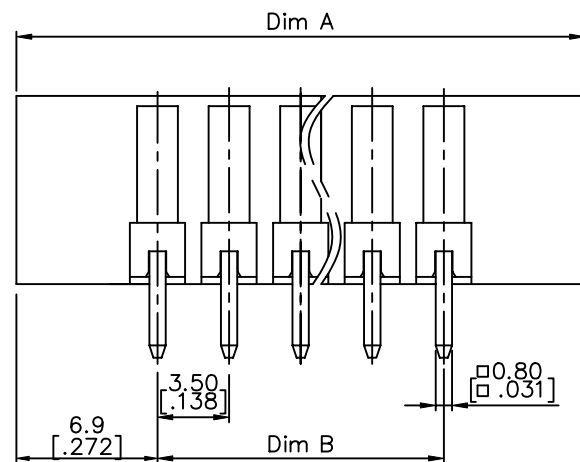
PRODUCT NUMBER	SERIES NAME	PITCH
20020108-CXXXXXLf	06-350	3.50 mm



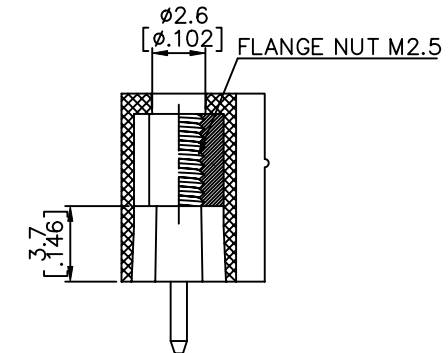
N= Number of poles

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	$(N-1)*3.5[.138]$

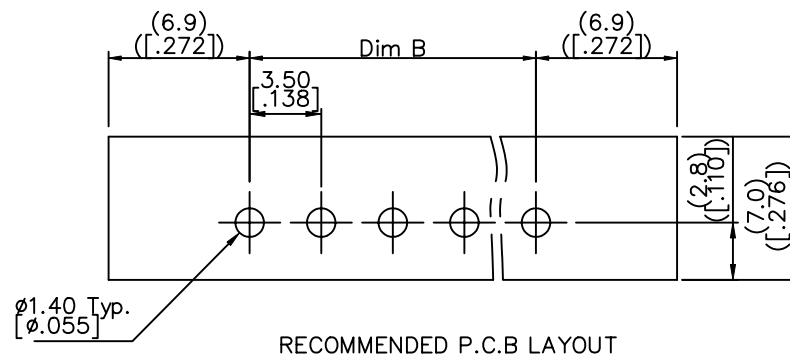
Poles	Tolerance
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.25[.010]$
17p-24p	$\pm 0.30[.012]$



SECTION P-P



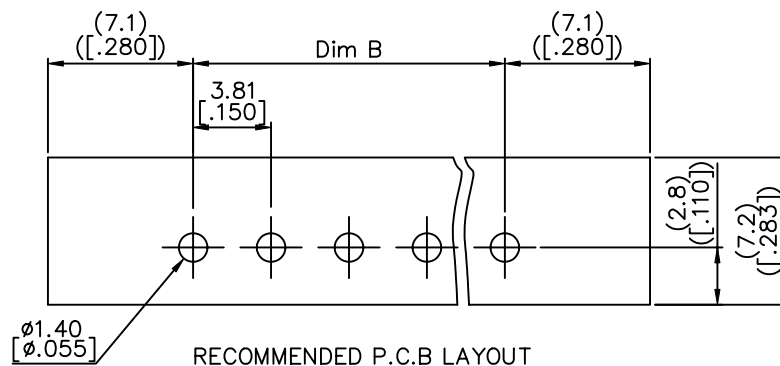
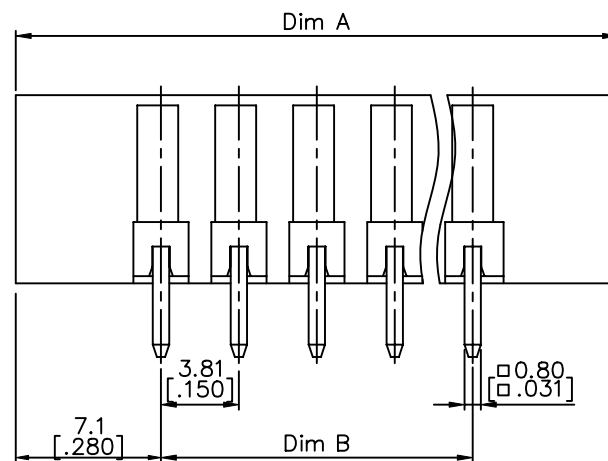
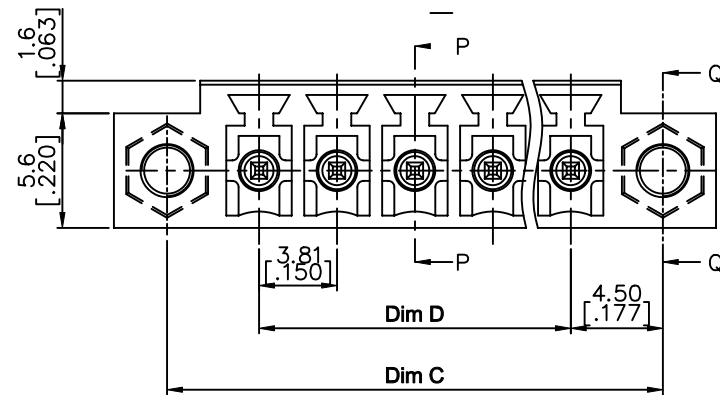
SECTION Q-Q



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	tolerances unless otherwise specified		title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE
E					angles X $\pm$ 1°	scale	sheet 2 of 5
					dr WENDY CHEN 042310		size A4
					enr JASON HSU 042310		
					chr GARY HSIEH 042310		
					appd JOSEPH HSIA 042310		
sheet index	revision sheet						type CUSTOMER Drawing

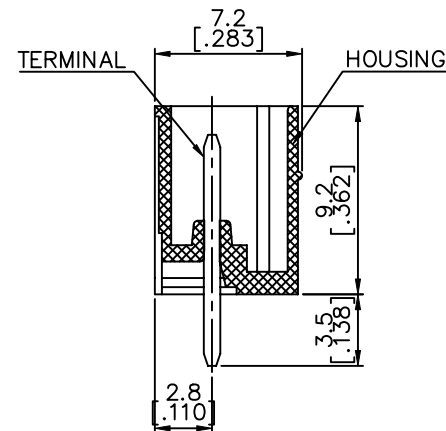
PRODUCT NUMBER	SERIES NAME	PITCH
20020108-DXXXXXXLF	06-381	3.81 mm



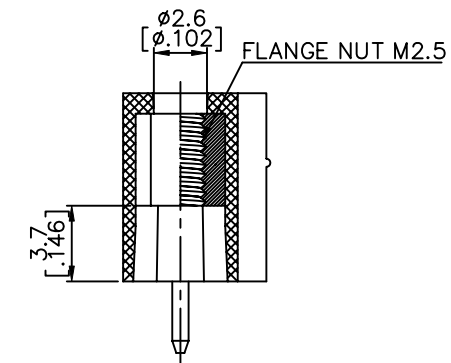
N= Number of poles

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

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



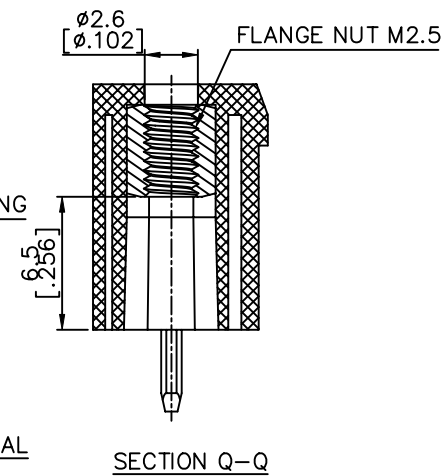
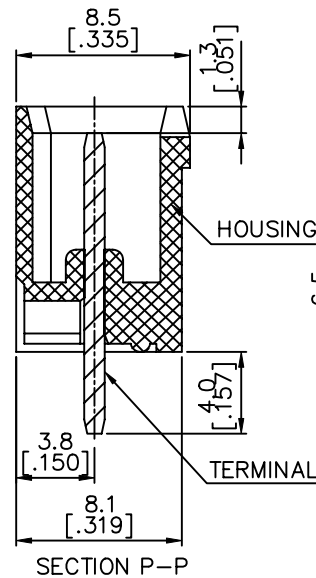
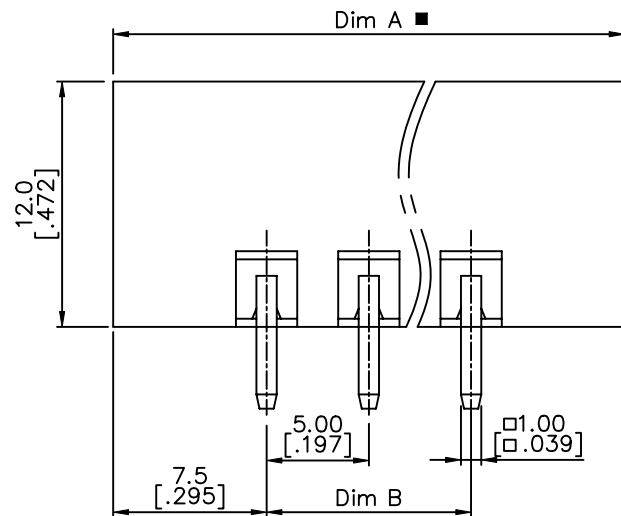
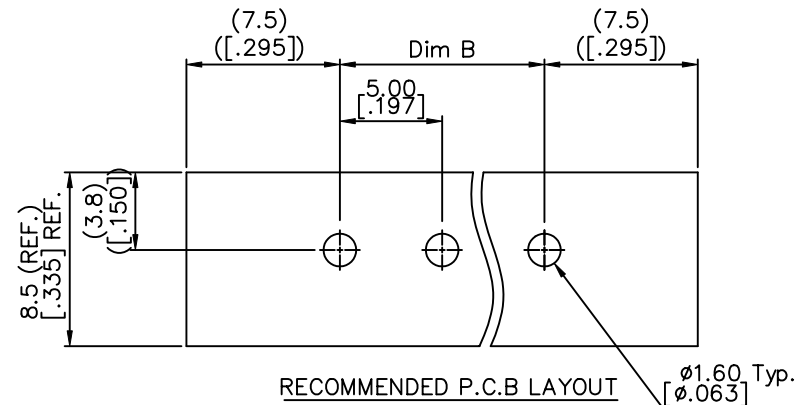
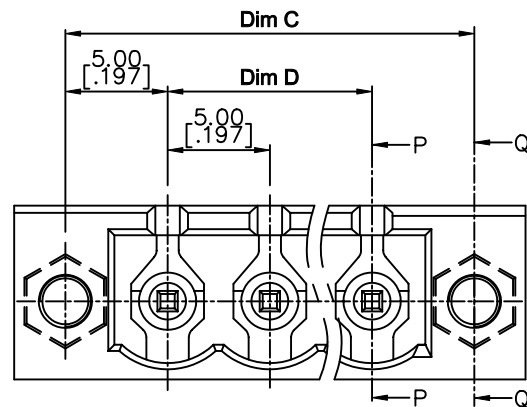
SECTION P-P



SECTION Q-Q

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, STRAIGHT W/FLANGE dwg no 20020108 sheet 3 of 5 size A4					
E								lineal angles X.±0.5[.020] X.X±0.3[.012] X'±1" X.XX±0.1[.004]						MM  [INCH]	
														scale	
														FCI 	
						dr		WENDY CHEN		042310		type CUSTOMER Drawing			
						enr		JASON HSU		042310					
						chr		GARY HSIEH		042310					
						appd		JOSEPH HSIA		042310					
sheet index		revision sheet													

PRODUCT NUMBER	SERIES NAME	PITCH
20020108-GXXXXXXLF	06-500	5.00 mm



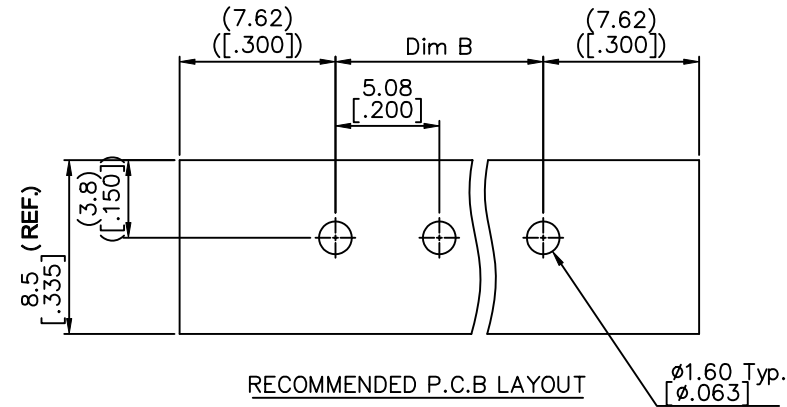
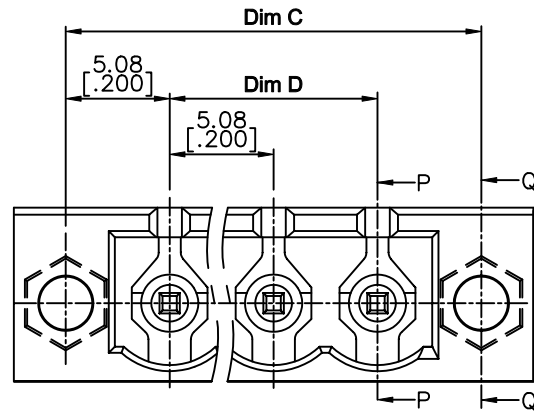
N= Number of poles

Dim A	(N+2)*5.0
Dim B	(N-1)*5.0
Dim C	(N+1)*5.0
Dim D	(N-1)*5.0

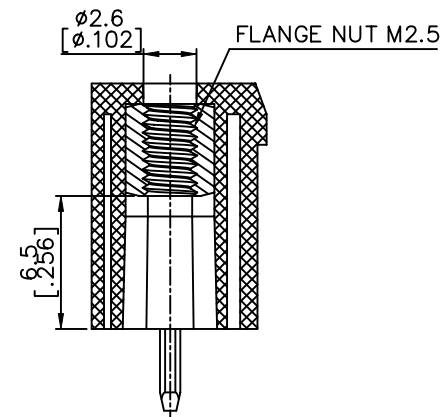
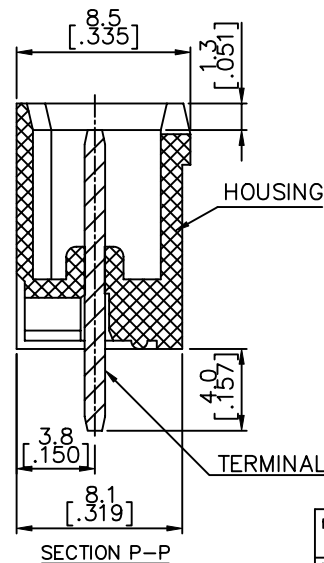
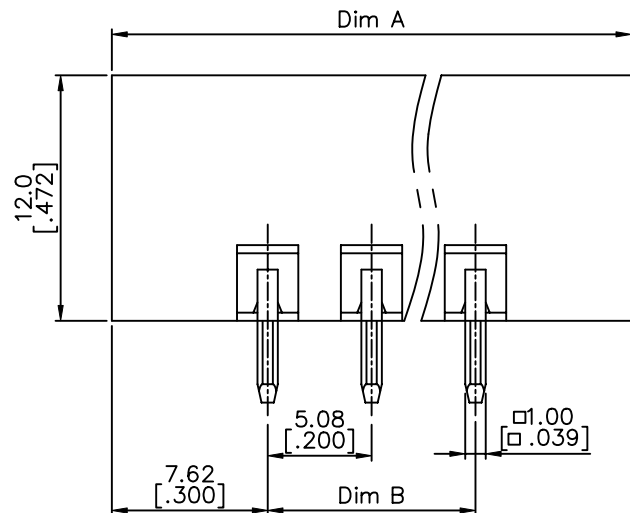
Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.30
19P-24P	±0.40

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
E					angles X±0.5 [.020] X.X±0.3 [.012] X°±1° X.XX±0.1 [.004]	scale	TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE
			dr	WENDY CHEN	042310		sheet 4 of 5
			enr	JASON HSU	042310		size
			chr	GARY HSIEH	042310		20020108
			appd	JOSEPH HSIA	042310		A4
sheet index	revision	sheet					type CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020108-HXXXXXXLF	06-508	5.08 mm



RECOMMENDED P.C.B LAYOUT

Ø1.60 Typ.
Ø.063

N= NUMBER OF POLES

Dim A	(N+2)*5.08
Dim B	(N-1)*5.08
Dim C	(N+1)*5.08
Dim D	(N-1)*5.08

Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.30
19P-24P	±0.40

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
E				angles X±1°	X±0.5[.020] X.X±0.3[.012] X.XX±0.1[.004]	scale	TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE
		dr	WENDY CHEN	042310			sheet 5 of 5
		enr	JASON HSU	042310			size
		chr	GARY HSIEH	042310			A4
		appd	JOSEPH HSIA	042310			20020108
sheet index	revision sheet						type CUSTOMER Drawing