

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					

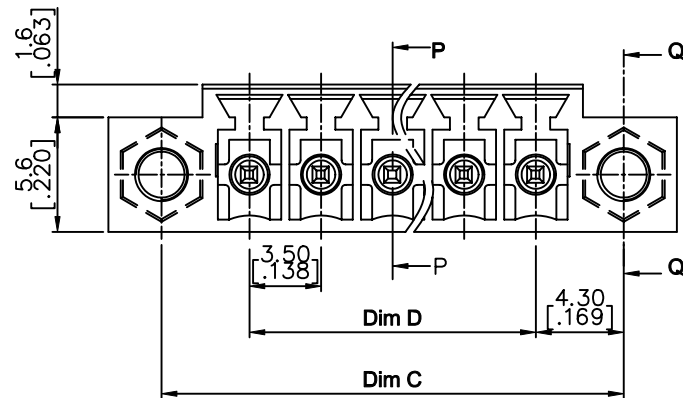
CODE	COLOR	AVAILABILITY
1	GREEN(RAL 6018/T)	STANDARD
2	BLACK	ON REQUEST ONLY
3	GREY(RAL 7004/P)	ON REQUEST ONLY
4	BLUE(RAL 5015/A)	ON REQUEST ONLY

NOTES:

- 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	angles 	tolerances unless otherwise specified		title	
A	T10-0062	WL	050710		X.±0.5[.020]	MM	TERMINAL BLOCK	
B	T10-0155	WL	093010		X.X±0.3[.012]	INCH	PLUGGABLE, SOCKET, SIGNAL, STRAIGHT	
C	T10-0187	WL	121410		X'±1"	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	
sheet index		revision	sheet	E	E	E	CUSTOMER Drawing	
				1	2	3		
						4		
						5		

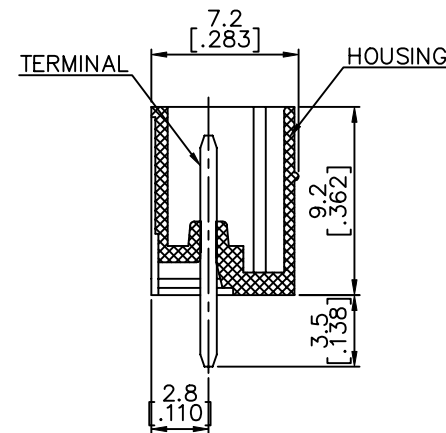
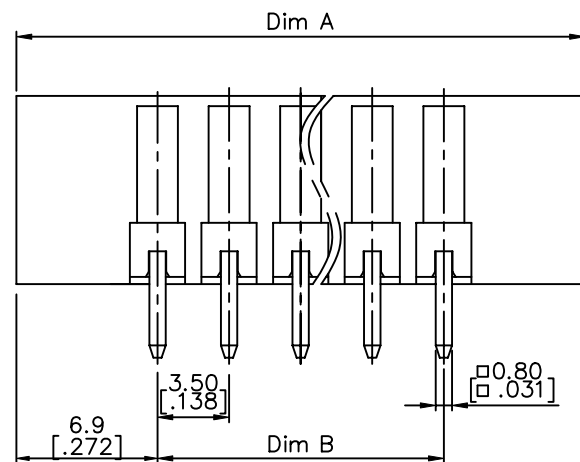
PRODUCT NUMBER	SERIES NAME	PITCH
20020108-CXXXXXLf	06-350	3.50 mm



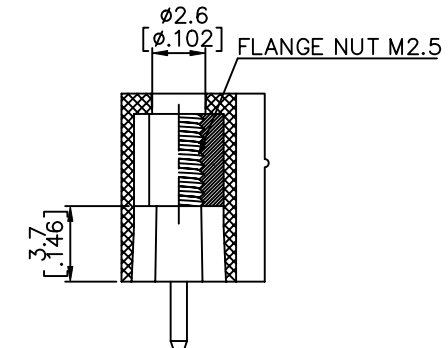
N= Number of poles

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

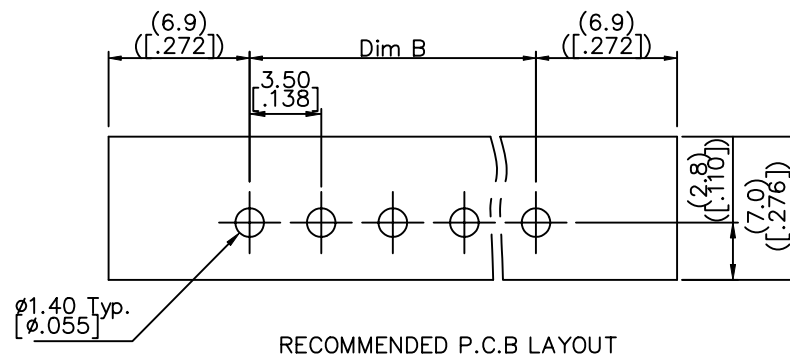
Poles	Tolerance
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.25[.010]$
17p-24p	$\pm 0.30[.012]$



SECTION P-P



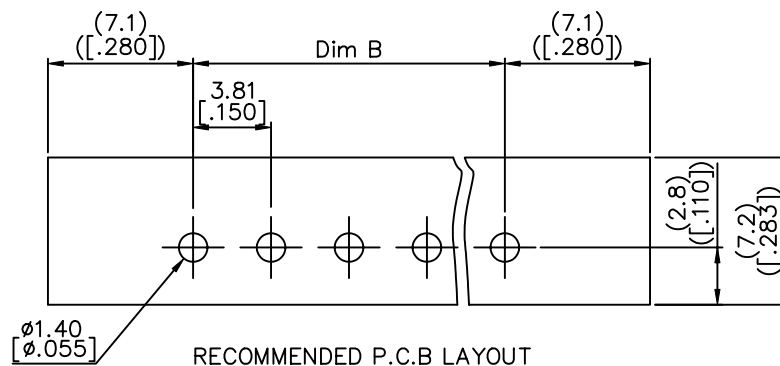
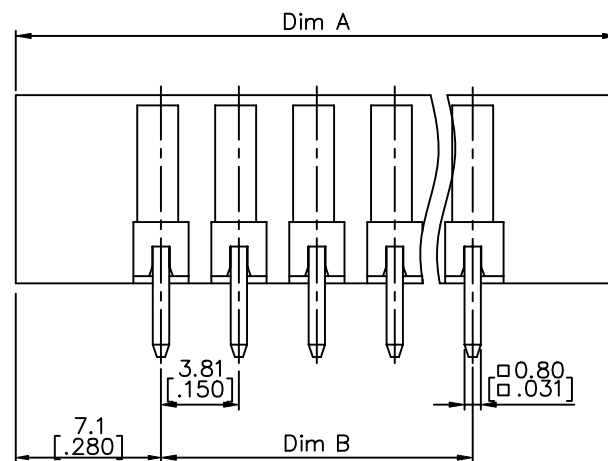
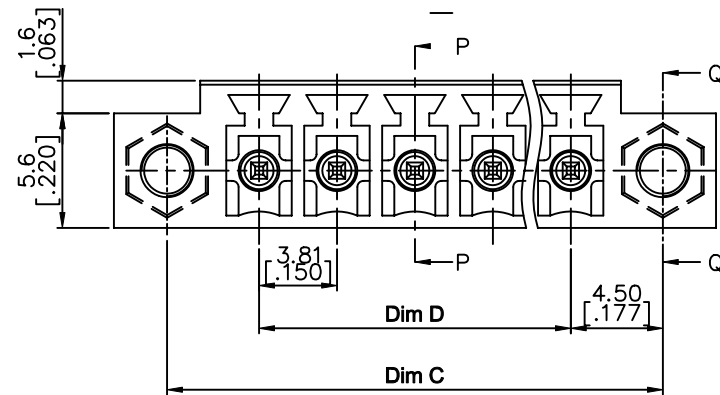
SECTION Q-Q



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 size A4
					dr WENDY CHEN 042310		dwg no 20020108
					enr JASON HSU 042310		
					chr GARY HSIEH 042310		
					appd JOSEPH HSIA 042310		
sheet index	revision	sheet					type CUSTOMER Drawing

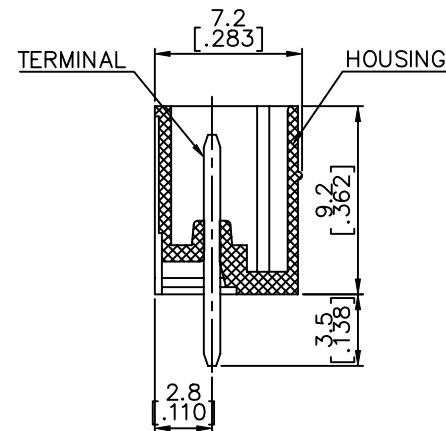
PRODUCT NUMBER	SERIES NAME	PITCH
20020108-DXXXXXXLF	06-381	3.81 mm



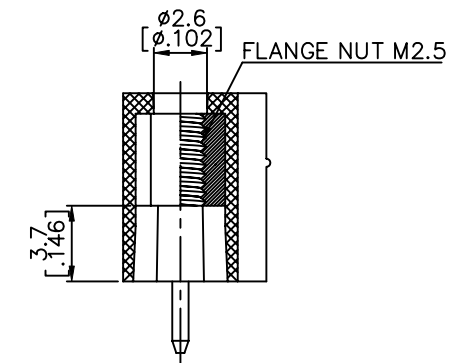
N= Number of poles

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	$\pm 0.30[.012]$



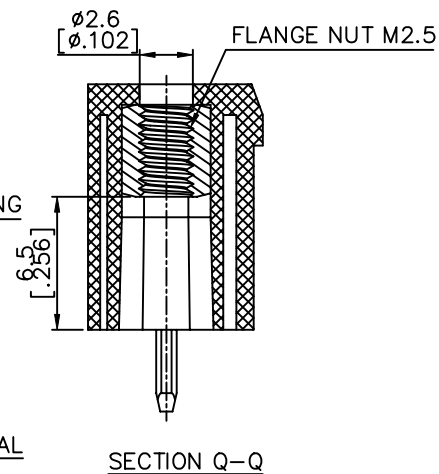
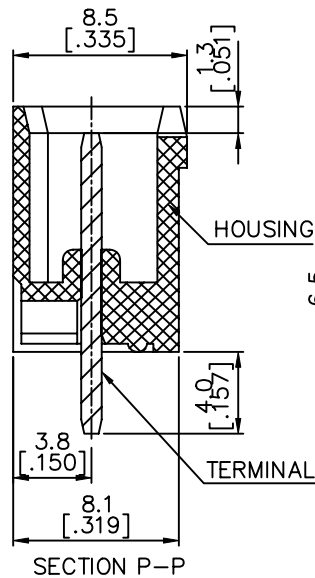
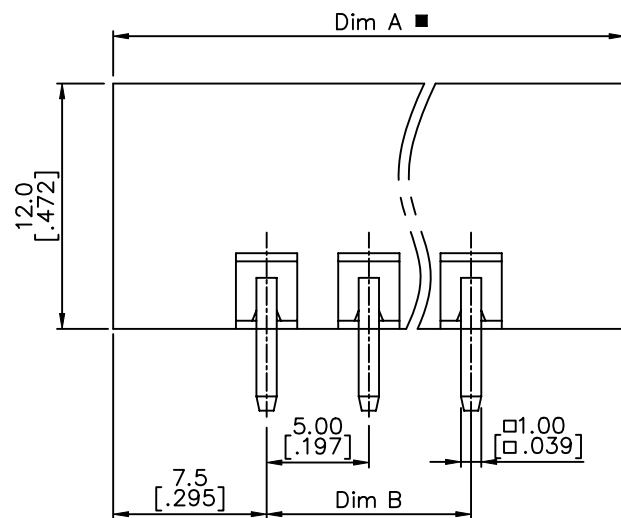
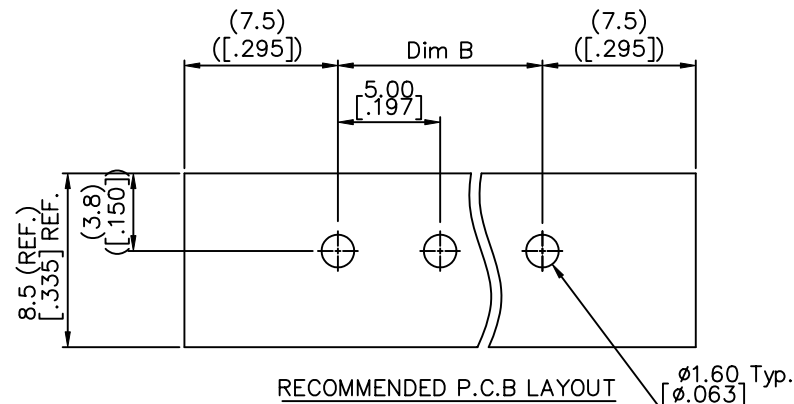
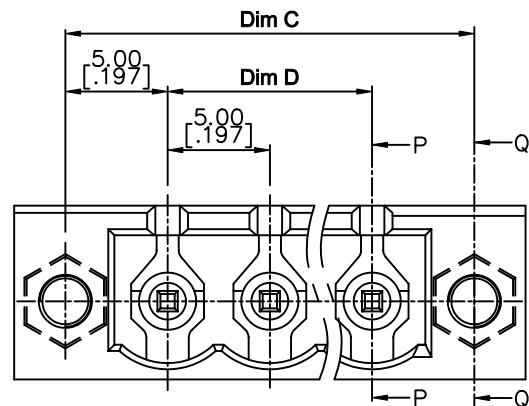
SECTION P-P



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					
E								angles						lineal	
								X.±0.5[.020]						MM	
								X.X±0.3[.012]						[INCH]	
								X'±1"		X.XX±0.1[.004]		scale			
								dr		WENDY CHEN		042310			
								enr		JASON HSU		042310			
								chr		GARY HSIEH		042310			
								appd		JOSEPH HSIA		042310			
sheet index		revision sheet													

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



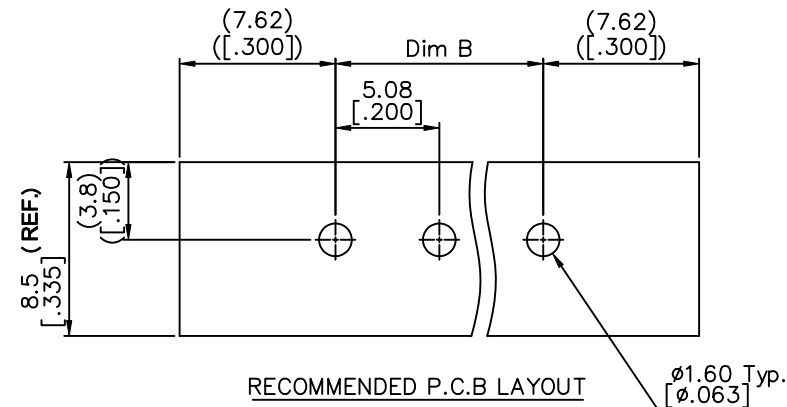
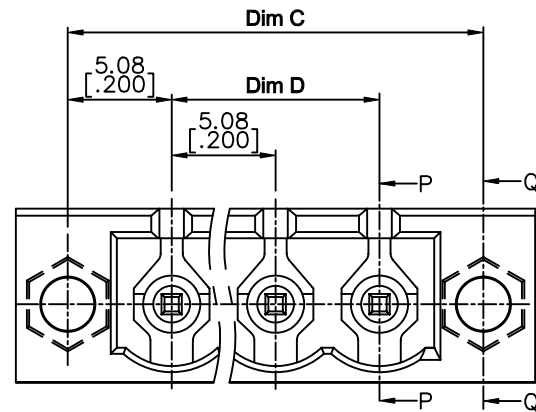
N= Number of poles

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

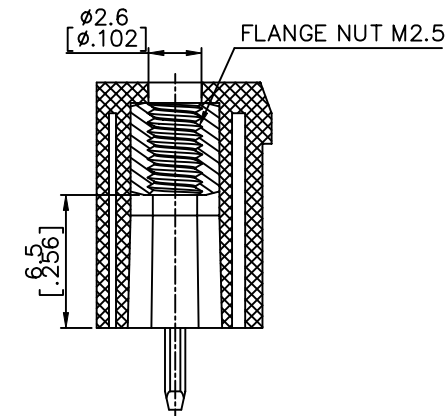
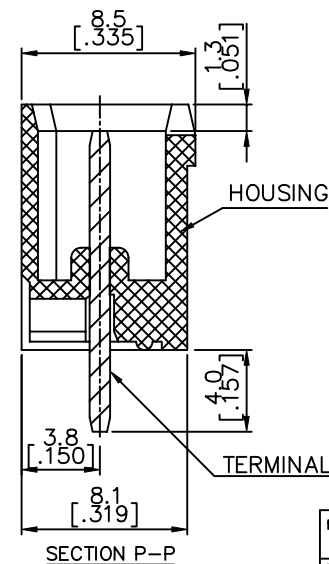
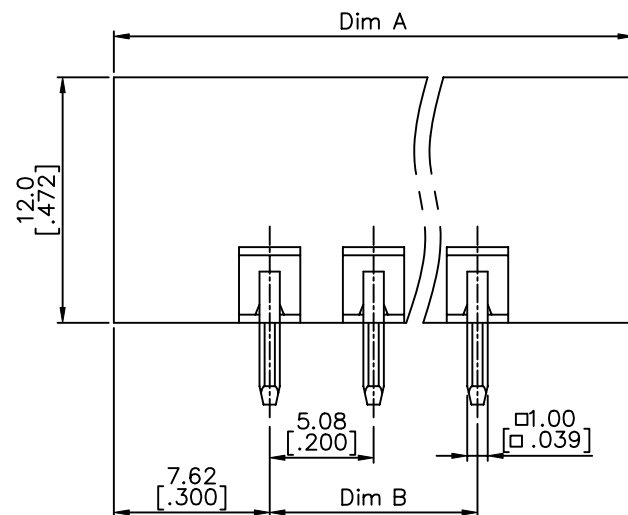
Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.30
19P-24P	±0.40

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK
litr ecn no dr date				tolerances unless otherwise specified		MM [INCH]	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	FCI	sheet 4 of 5
enrg				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			title
E							TERMINAL BLOCK
				angles	X.±0.5[.020] X.X±0.3[.012] X*±1°	scale	PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE
				dr	WENDY CHEN 042310		sheet 5 of 5
				enr	JASON HSU 042310		size
				chr	GARY HSIEH 042310		20020108
				appd	JOSEPH HSIA 042310		A4
sheet index	revision	sheet					type
							CUSTOMER Drawing