

PRODUCT NUMBER

20020108-XXXXXXLF

20020108- A 0  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

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
	VDE	10.5	10.5	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6
	VDE	2.5	2.5	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				

HOUSING CODE

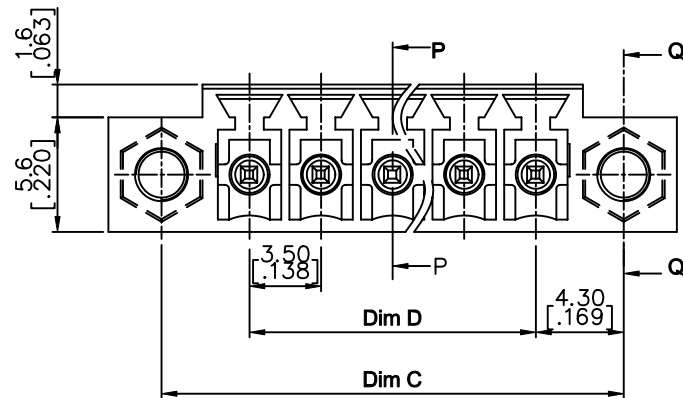
CODE	COLOR	AVAILABILITY
1	GREEN(RAL 6018/T)	STANDARD
2	BLACK	ON REQUEST ONLY
3	GREY(RAL 7004/P)	ON REQUEST ONLY
4	BLUE(RAL 5015/A)	ON REQUEST ONLY

NOTES:

- 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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A	T10-0062	WL	050710	angles	inches	X.±0.5[.020]					TERMINAL BLOCK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
B	T10-0155	WL	093010			X.X±0.3[.012]					PLUGGABLE, SOCKET, SIGNAL, STRAIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
C	T10-0187	WL	121410	X'±1"	dr	WENDY CHEN	042310	scale		W/FLANGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
D	T11-0019	WL	040611	enr						JASON HSU	042310	sheet 1 of 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
E	T-004860	WL	080411	chr	GARY HSIEH	042310	appd	JOSEPH HSIA	042310		20020108																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

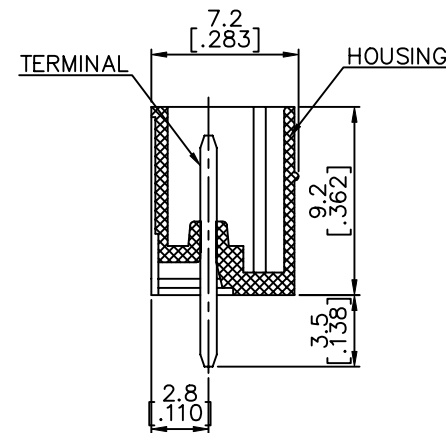
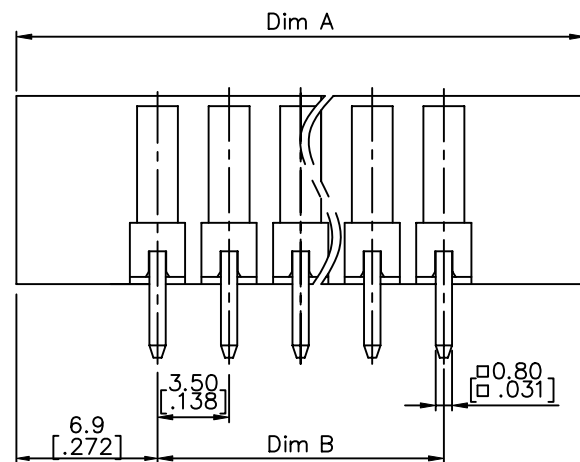
PRODUCT NUMBER	SERIES NAME	PITCH
20020108-CXXXXXLf	06-350	3.50 mm



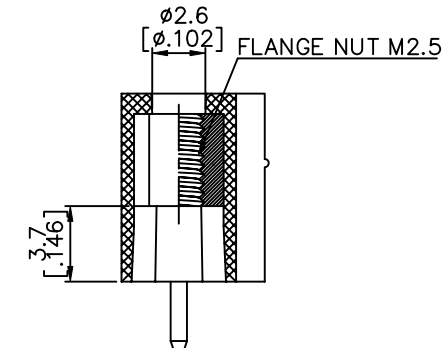
N= Number of poles

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

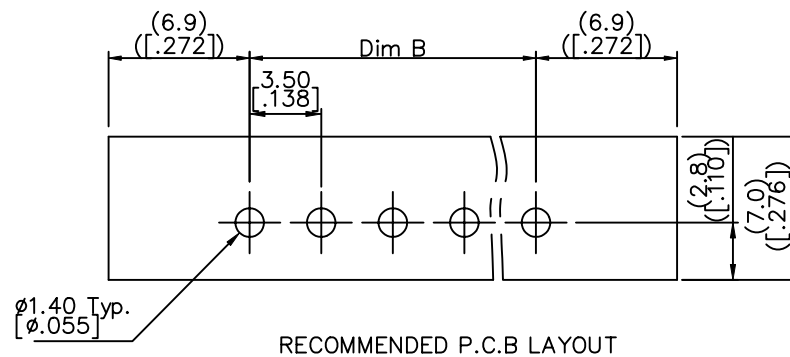
Poles	Tolerance
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.25[.010]$
17p-24p	$\pm 0.30[.012]$



SECTION P-P



SECTION Q-Q

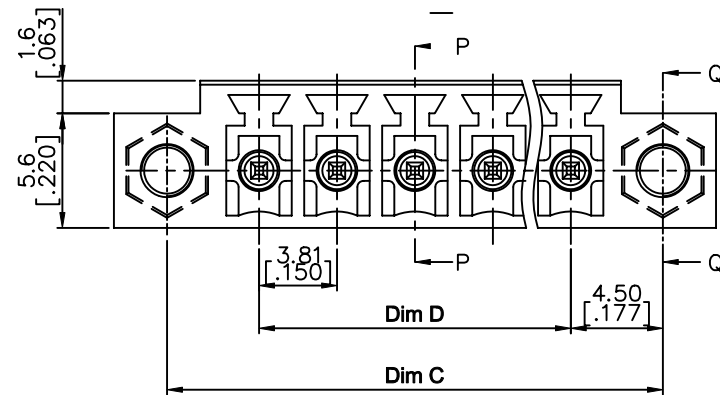


RECOMMENDED P.C.B LAYOUT

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE
E				dwg no 20020108
				sheet 2 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision	sheet		

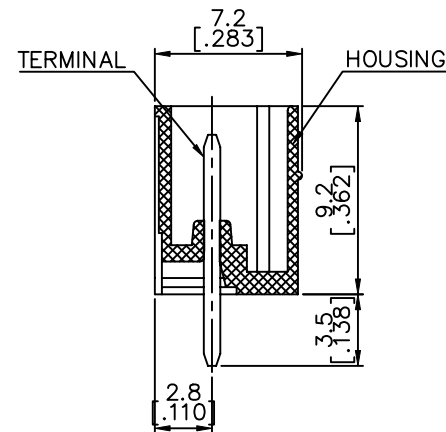
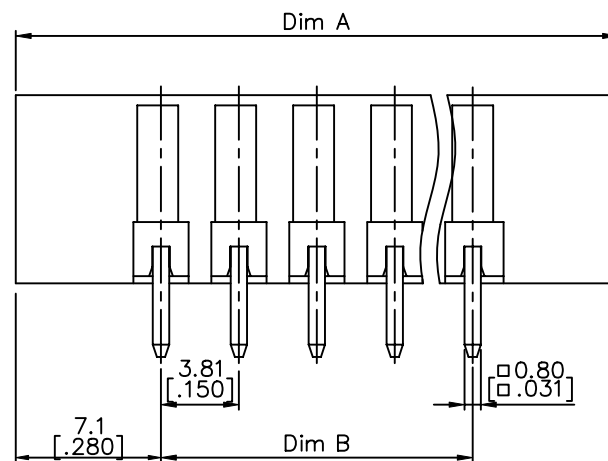
N= Number of poles

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

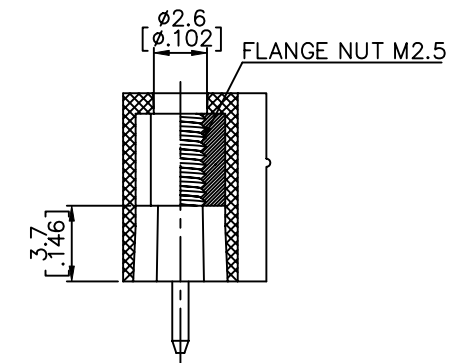


Dim A	$(N-1)*3.81[.150]+14.2[.559]$
Dim B	$(N-1)*3.81[.150]$
Dim C	$(N-1)*3.81[.150]+9.0[.354]$
Dim D	$(N-1)*3.81[.150]$

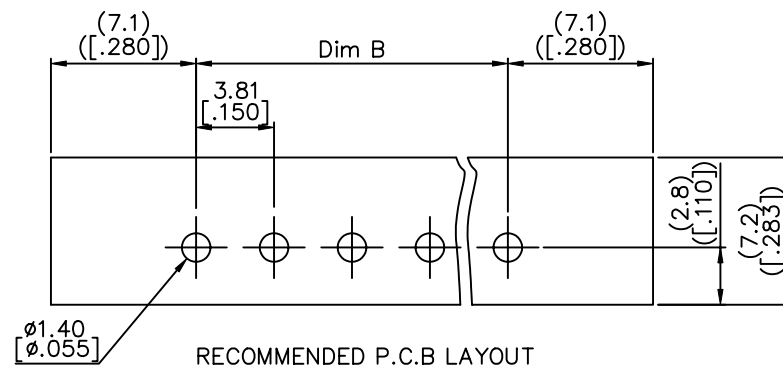
Poles	Tolerance
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.25[.010]$
17p-24p	$\pm 0.30[.012]$



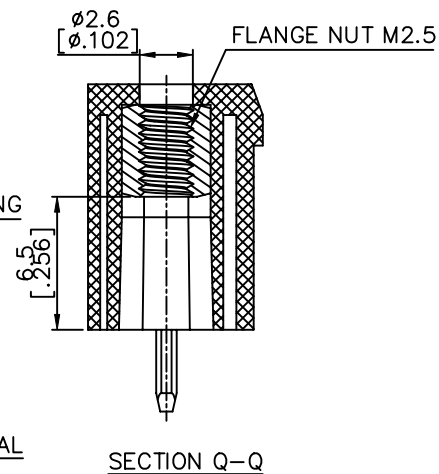
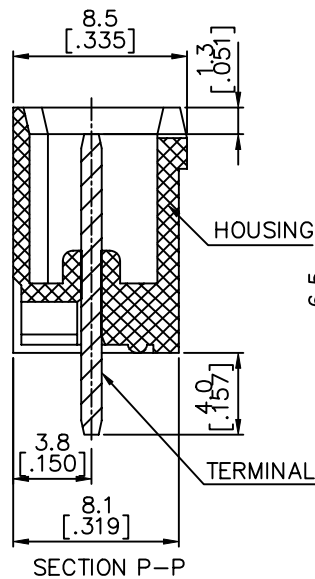
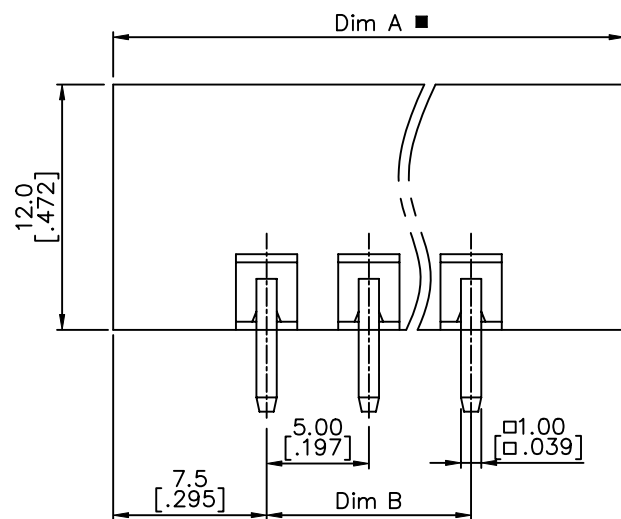
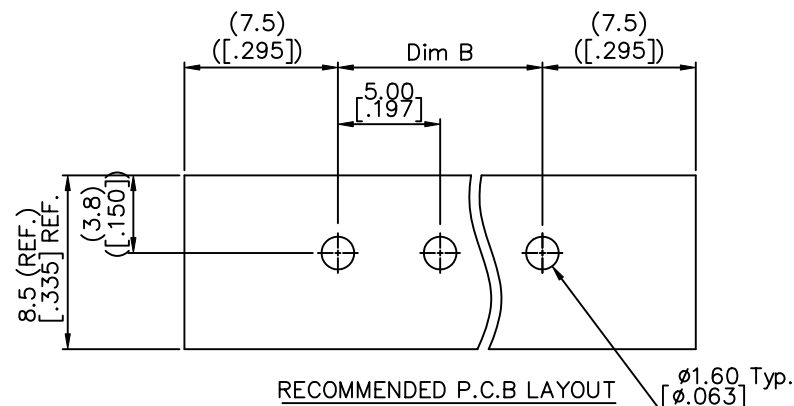
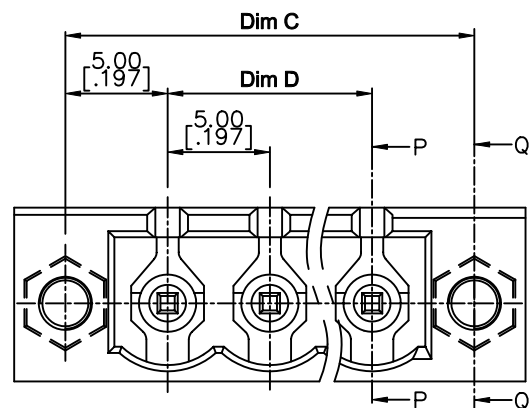
SECTION P-P



SECTION Q-Q

[illegible]

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



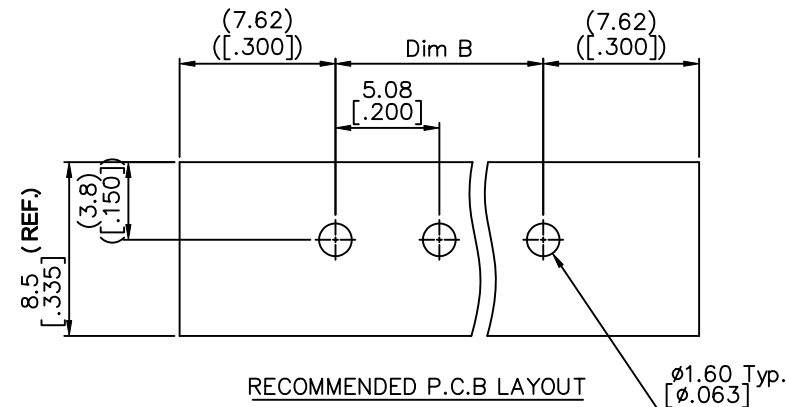
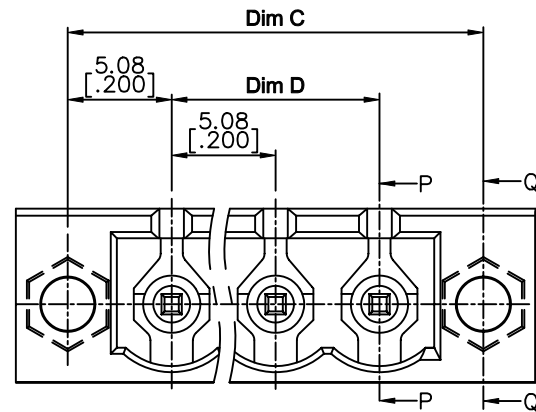
N= Number of poles

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

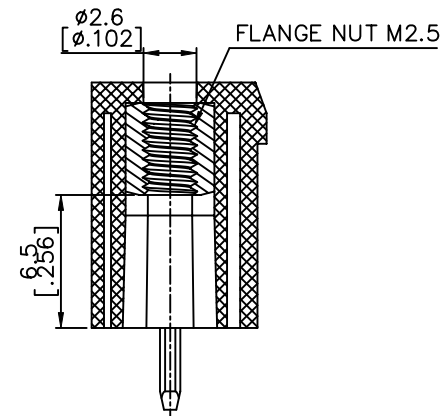
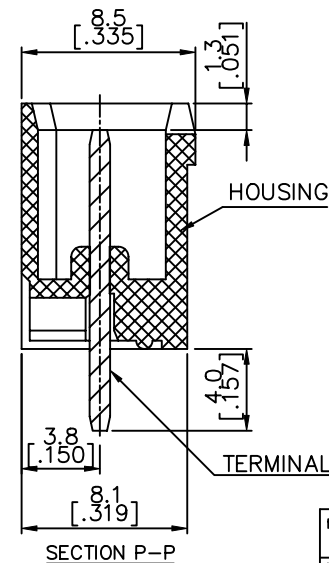
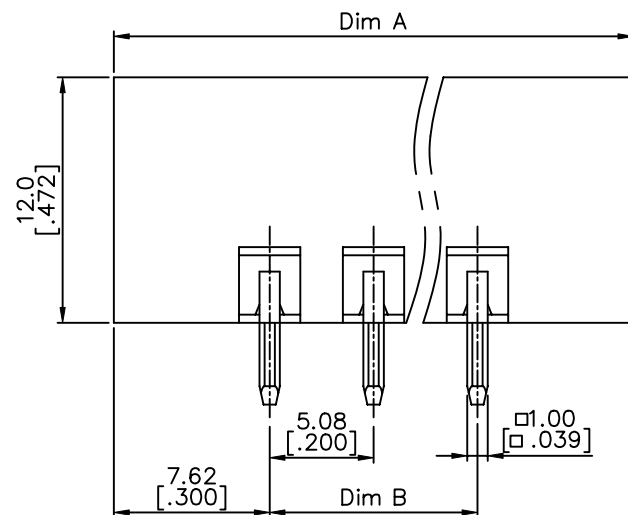
Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.30
19P-24P	±0.40

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK
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]	MM [INCH]	TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE
dr				WENDY CHEN	042310	scale	sheet 4 of 5 size
enr				JASON HSU	042310	FCI	20020108 A4
chr				GARY HSIEH	042310		CUSTOMER Drawing
appd				JOSEPH HSIA	042310		
sheet index	revision sheet						

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±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 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