

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					

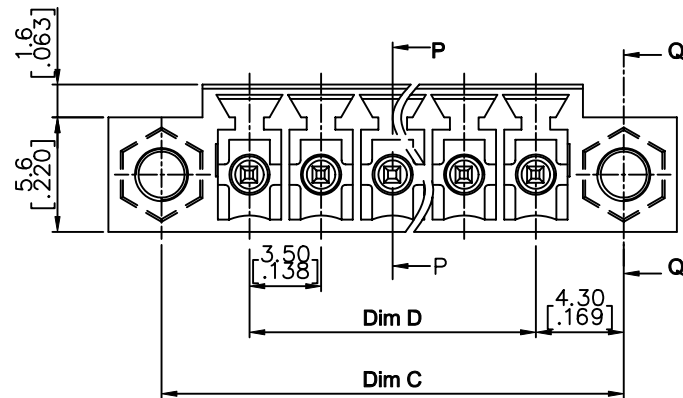
CODE	COLOR	AVAILABILITY
1	GREEN(RAL 6018/T)	STANDARD
2	BLACK	ON REQUEST ONLY
3	GREY(RAL 7004/P)	ON REQUEST ONLY
4	BLUE(RAL 5015/A)	ON REQUEST ONLY

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	 MM  INCH	title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE	
A	T10-0062	WL	050710	X±1°	X.±0.5[.020]	scale	sheet 1 of 5	
B	T10-0155	WL	093010		X.X±0.3[.012]		size	
C	T10-0187	WL	121410	dr	WENDY CHEN	042310	dwg no	
D	T11-0019	WL	040611	enr	JASON HSU	042310	20020108	
E	T-004860	WL	080411	chr	GARY HSIEH	042310	A4	
				appd	JOSEPH HSIA	042310	type	
sheet index		revision	sheet	E	E	E	CUSTOMER Drawing	
		1	2					

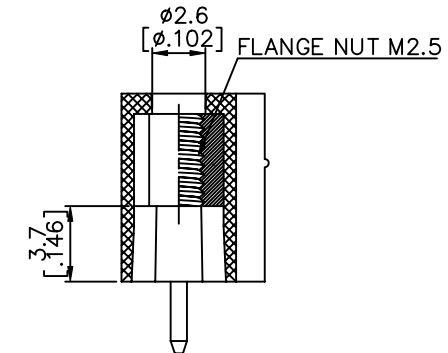
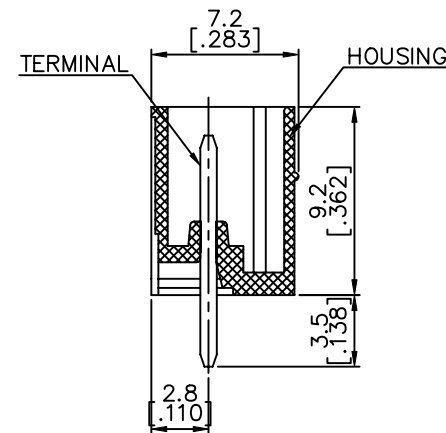
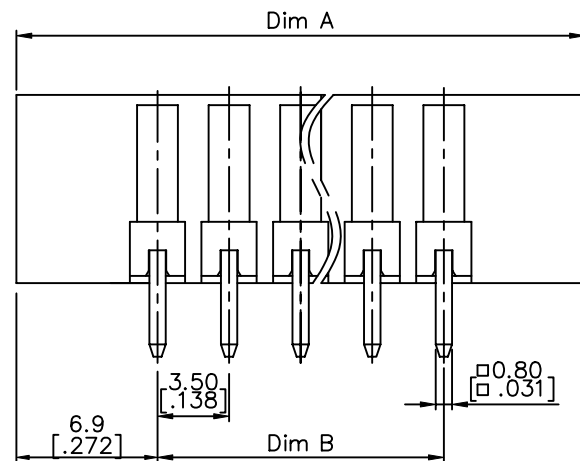
PRODUCT NUMBER	SERIES NAME	PITCH
20020108-CXXXXXLf	06-350	3.50 mm



N= Number of poles

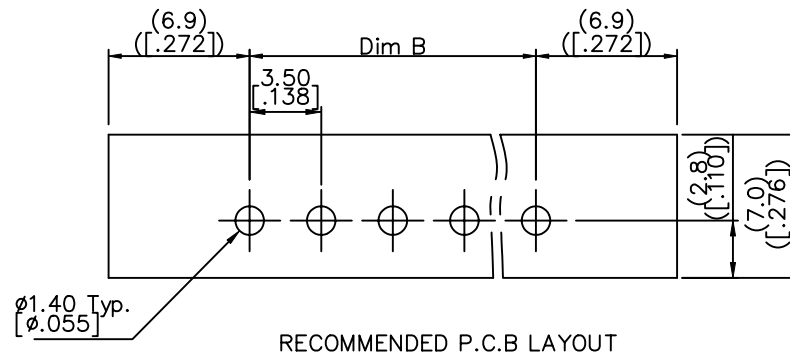
Dim A	$(N-1)*3.5[.138]+13.8[.543]$
Dim B	$(N-1)*3.5[.138]$
Dim C	$(N-1)*3.5[.138]+8.6[.339]$
Dim D	$(N-1)*3.5[.138]$

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



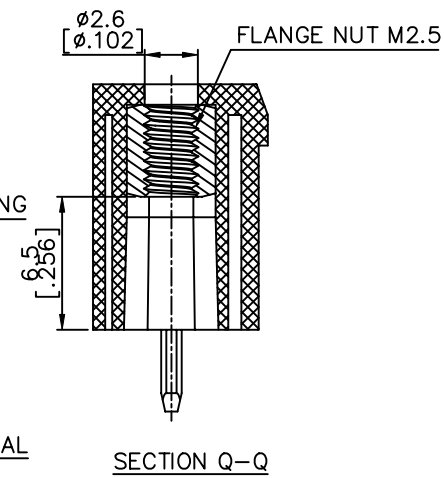
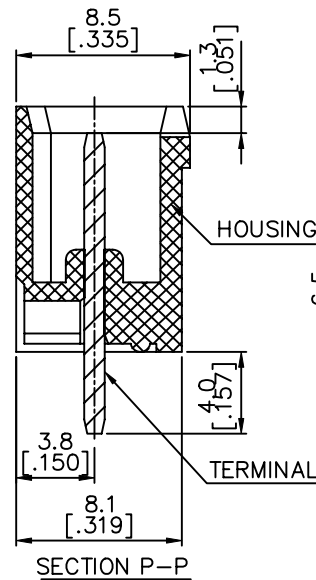
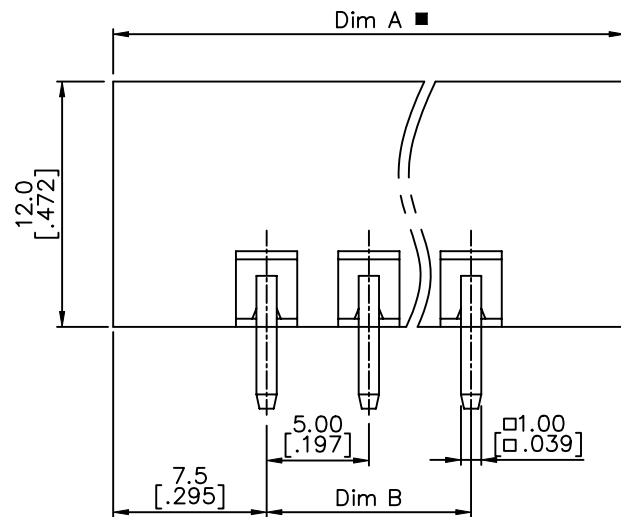
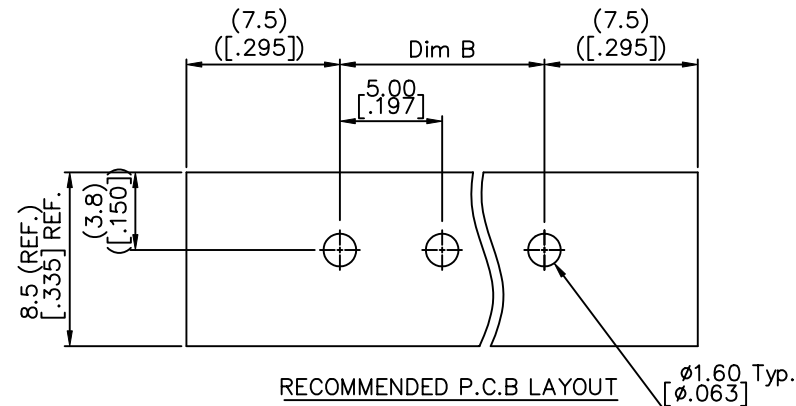
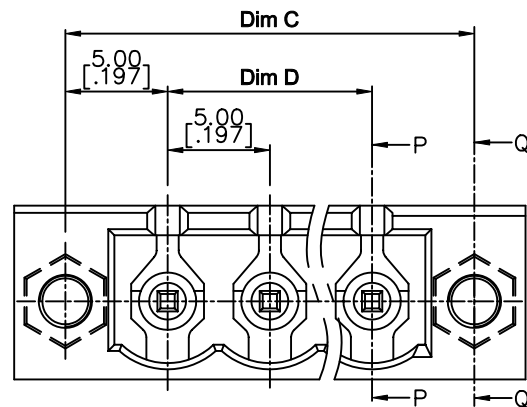
SECTION P-P

SECTION Q-Q



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		

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



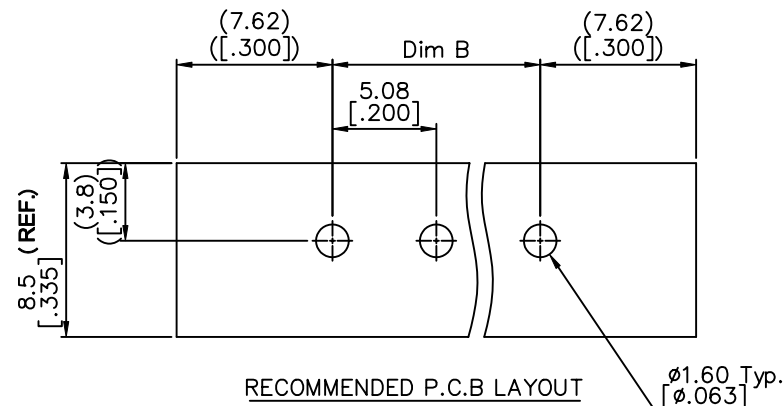
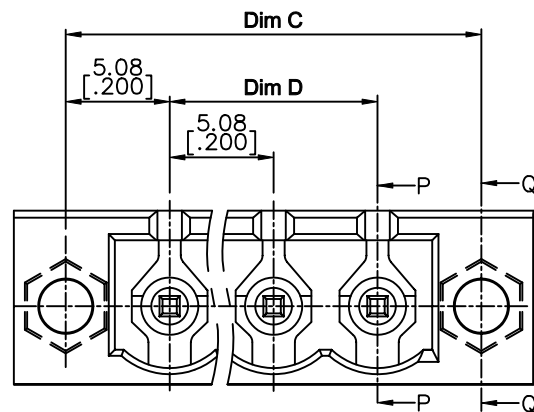
N= Number of poles

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

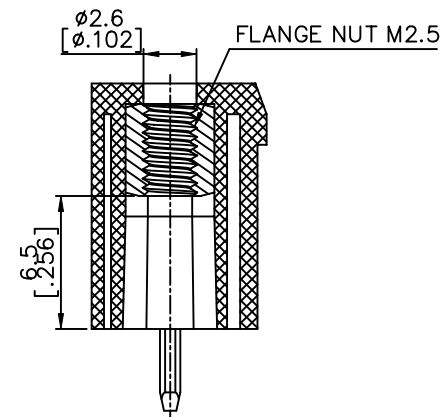
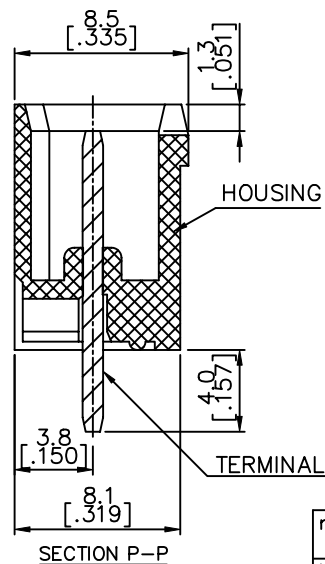
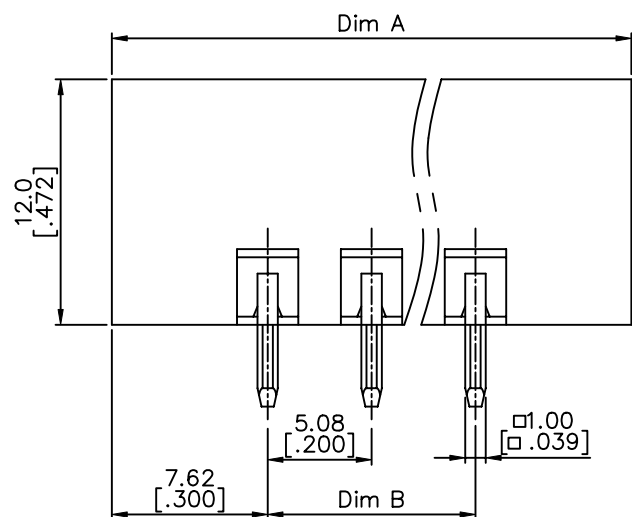
Poles	Tolerance
2P-6P	±0.15
7P-12P	±0.20
13P-18P	±0.30
19P-24P	±0.40

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
litr ecn no dr date				tolerances unless otherwise specified		MM [INCH]	TERMINAL BLOCK
E				angles	X.±0.5[.020] X.X±0.3[.012] X°±1° X.XX±0.1[.004]	scale	title
				dr	WENDY CHEN 042310		TERMINAL BLOCK
				enrg	JASON HSU 042310		PLUGGABLE, SOCKET, SIGNAL, STRAIGHT
				chr	GARY HSIEH 042310		W/FLANGE
				appd	JOSEPH HSIA 042310		dwg no
							sheet 4 of 5
							20020108
							A4
							type
							CUSTOMER Drawing
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				title
E								TERMINAL BLOCK
				angles	X.±0.5[.020]			PLUGGABLE, SOCKET, SIGNAL, STRAIGHT
					X.X±0.3[.012]			W/FLANGE
				X*±1°	X.XX±0.1[.004]	scale		
			dr	WENDY CHEN	042310	sheet 5 of 5		
			enr	JASON HSU	042310	size		
			chr	GARY HSIEH	042310	A4		
			appd	JOSEPH HSIA	042310	type		
sheet	revision							CUSTOMER Drawing
index	sheet							