

PRODUCT NUMBER

20020111-XXXXXXLF

20020111-□ □ □ □ 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

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

PROPERTY TABLE

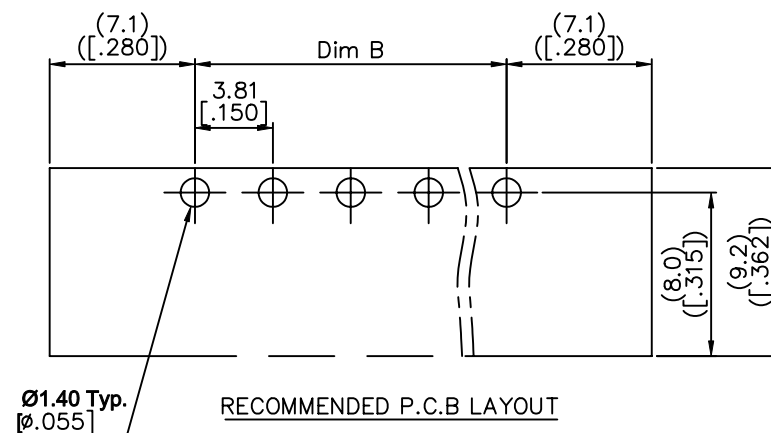
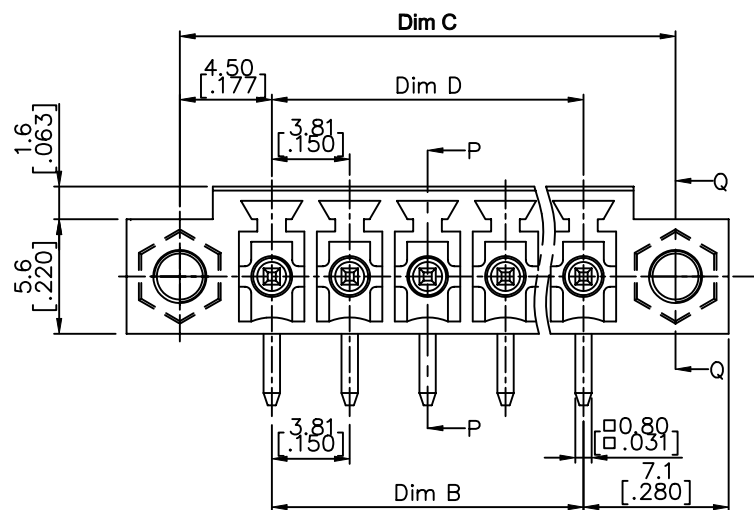
FCI SERIES NAME		06-350	06-381	06-500	06-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)	cULus	10	10	12	12
	VDE	10.5	10.5	NA	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6
	VDE	2.5	2.5	NA	NA
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115	-40~+115
SOLDERING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

NOTES:

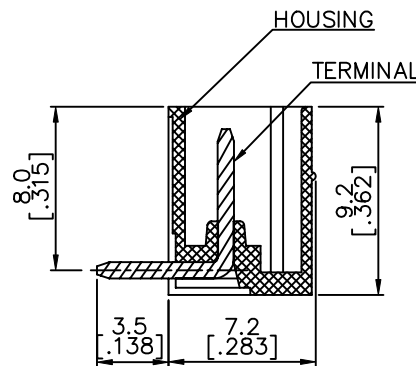
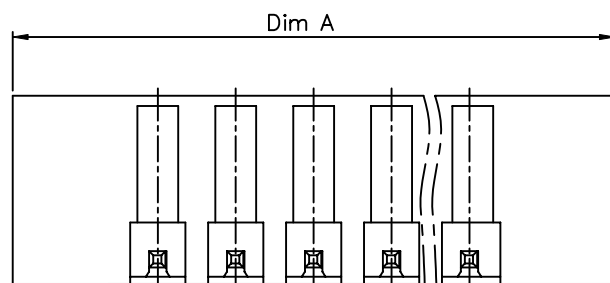
- MATERIALS
1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
1-2 TERMINAL: COPPER ALLOY, TIN PLATED.
- PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
- BOXED PACKAGING,
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
- FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT 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				tolerances unless otherwise specified						title					
A T10-0062 WL 050710				angles	lineal	X.±0.5[.020]			MM [INCH]	TERMINAL BLOCK					
B T10-0155 WL 093010						X.X±0.3[.012]				PLUGGABLE, SOCKET, SIGNAL, R/A					
C T10-0187 WL 121410						X.XX±0.1[.004]				W/FLANGE					
D T11-0006 WL 012611				dr	WENDY CHEN		042610			dwg no		sheet 1 of 5		size	
E T11-0013 WL 040811				enr	JASON HSU		042610			20020111		A.			
F T-004860 WL 080411				chr	GARY HSIEH		042610								
				appd	JOSEPH HSIA		042610								
sheet index		revision sheet		F	F	F	F								
				1	2	3	4	5							

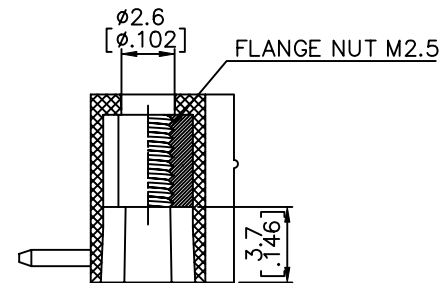
PRODUCT NUMBER	SERIES NAME	PITCH
20020111-DXXXXXXLF	06-381	3.81 mm



RECOMMENDED P.C.B LAYOUT



SECTION P-P



SECTION Q-Q

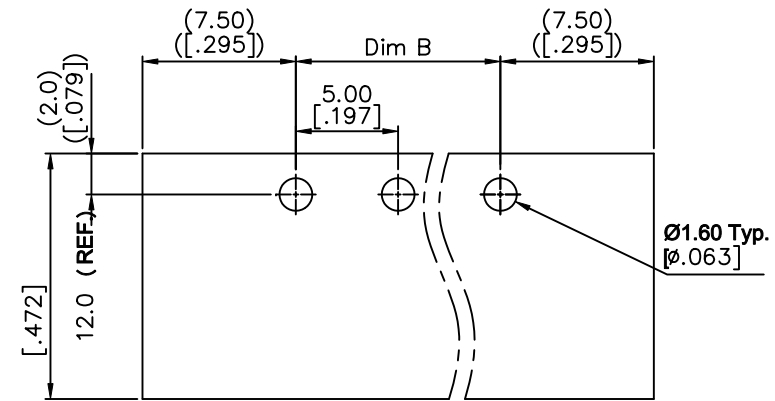
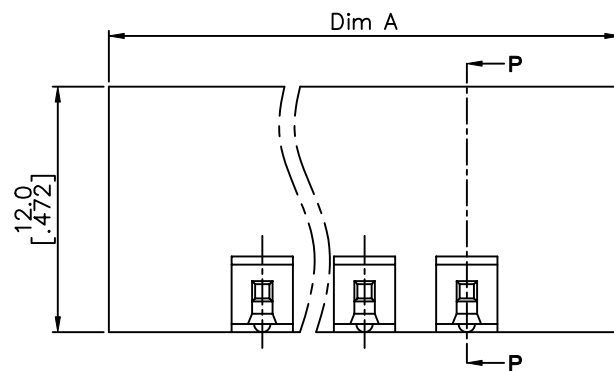
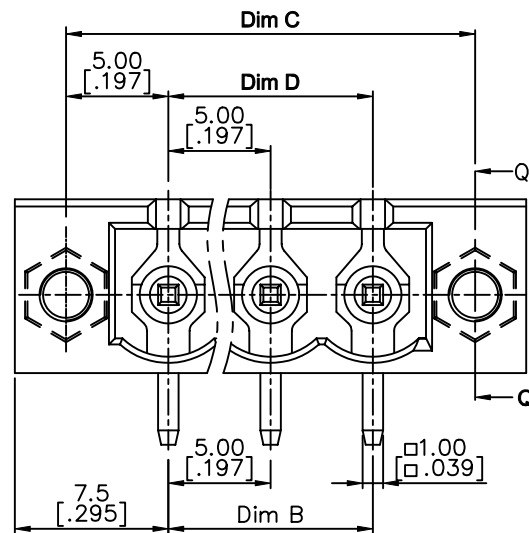
N= Number of poles

Dim A	$(N-1) \times 3.81 [0.150] + 14.2 [0.559]$
Dim B	$(N-1) \times 3.81 [0.150]$
Dim C	$(N-1) \times 3.81 [0.150] + 9.0 [0.354]$
Dim D	$(N-1) \times 3.81 [0.150]$

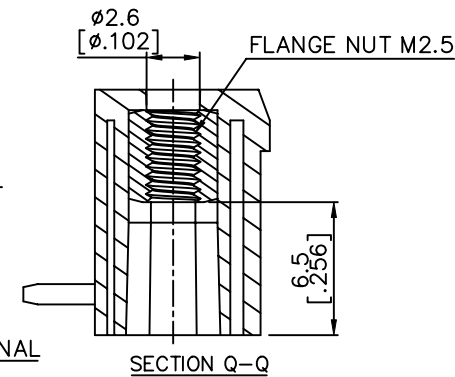
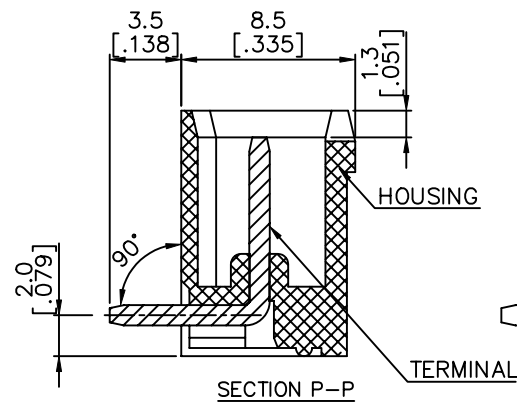
Poles	Tolerance
2p-6p	$\pm 0.15 [0.006]$
7p-12p	$\pm 0.20 [0.008]$
13p-16p	$\pm 0.25 [0.010]$
17p-24p	$\pm 0.30 [0.012]$

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	date			title
F							TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
				angles	$X \pm 0.5 [0.020]$ $X.X \pm 0.3 [0.012]$ $X.XX \pm 0.1 [0.004]$	scale	dwg no
				dr	WENDY CHEN 042610		sheet 3 of 5
				enr	JASON HSU 042610		size
				chr	GARY HSIEH 042610		20020111
				appd	JOSEPH HSIA 042610		A4
sheet index	revision	sheet					type
							CUSTOMER Drawing

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



RECOMMENDED PCB LAYOUT



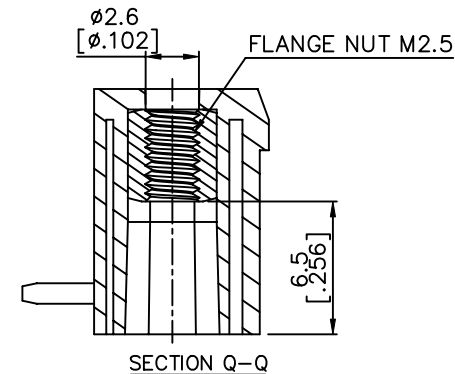
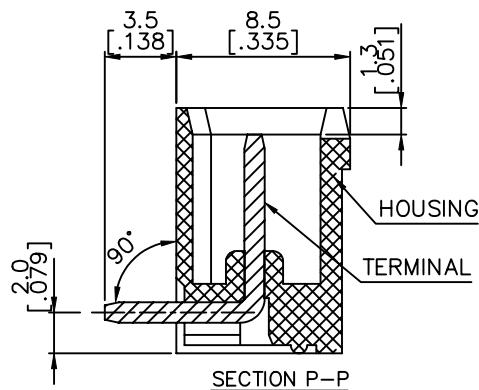
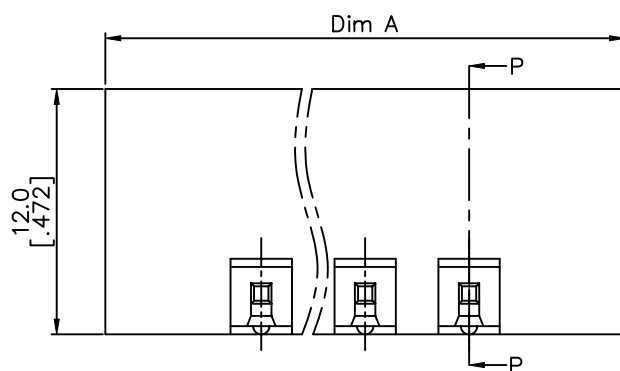
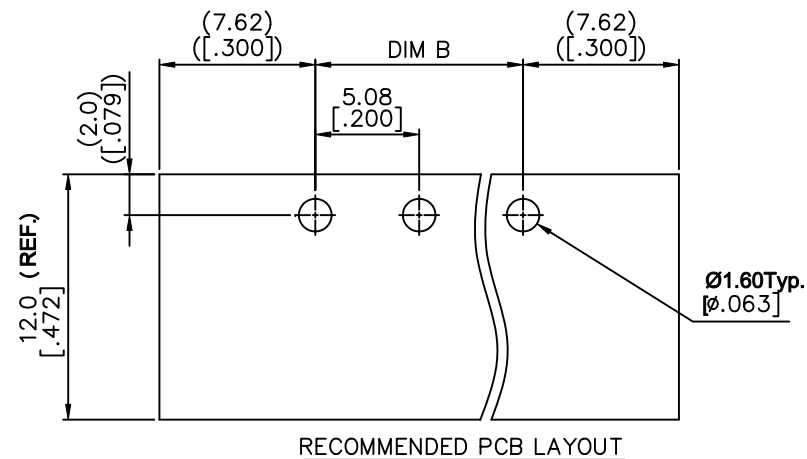
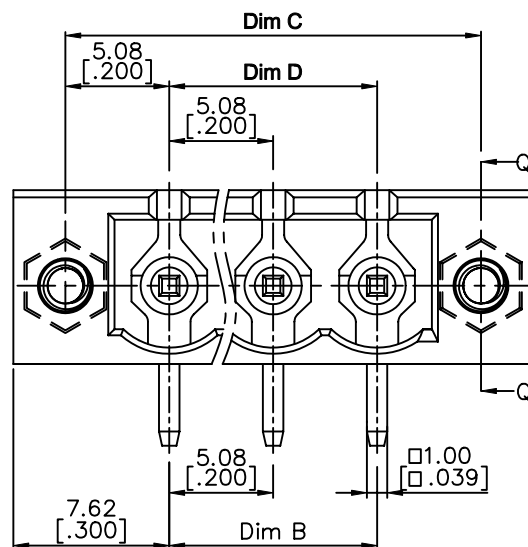
N= NUMBER OF POLES

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	$\pm 0.30[.012]$

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									
F				 angle		X.±0.5 [.020]		 MM [INCH] scale		TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE											
						X.X±0.3 [.012]															
						X'±1' X.XX±0.1 [.004]															
				dr	WENDY CHEN	042610				dwg no					sheet 4 of 5		size				
				engr	JASON HSU	042610				20020111					A4						
				chr	GARY HSIEH	042610															
				appd	JOSEPH HSIA	042610															
sheet index		revision sheet								type CUSTOMER Drawing											

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



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 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, R/A W/FLANGE
F				dwg no 20020111
				sheet 5 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision sheet			