

PRODUCT NUMBER

20020012-XXXXXXLF

20020012-

PITCH

C: 3.50mm
D: 3.81mm
G: 5.00mm
H: 5.08mm

POLES

02: 2 POLES
03: 3 POLES
04: 4 POLES
24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

SCREW CODE

CODE	SCREW TYPE	AVAILABILITY
A	-/+	ON REQUEST ONLY
B	-	STANDARD

ALL FLANGE SCREWS ARE ONLY AVAILABLE IN +/-
COMBINATION SCREW TYPES.

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		03-350	03-381	03-500	03-508	
PITCH (mm)		3.50	3.81	5.00	5.08	
VOLTAGE RATING (VAC)		300	300	300	300	
CURRENT RATING (A)		10	10	10	10	
APPLICABLE WIRE RANGE (AWG)		1-WIRE	16~28	16~28	12~22	12~22
		2-WIRE	20	20	18	18
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	1.5	1.5	2.5	2.5
		2-WIRE	0.5	0.5	1.0	1.0
	STRANDED	1-WIRE	1.5	1.5	2.5	2.5
		2-WIRE	0.75	0.75	1.5	1.5
OPENING CONTACT HOUSING(mm ²)		1.8x2.4	1.8x2.4	2.6x2.8	2.6x2.8	
WIRE STRIP LENGTH(mm)		6~7	6~7	6~7	6~7	
TORQUE +/– 10% (N-m/Lb-in)		0.19/1.7	0.19/1.7	0.4/3.5	0.4/3.5	
SCREW		M2x0.4	M2x0.4	M2.5x0.4	M2.5x0.4	
WITHSTANDING VOLTAGE (kV)		1.6	1.6	1.6	1.6	
OPERATING TEMP. (°C)		–40~+115	–40~+115	–40~+115	–40~+115	
POLES AVAILABLE		02~24	02~24	02~24	02~24	

SAFETY CERTIFICATE



NOTES:

1. MATERIALS

- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
1-2 SCREW: STEEL, ZINC PLATED.
1-3 CLAMP: COPPER ALLOY, NICKEL PLATED.
1-4 TERMINAL: COPPER ALLOY, TIN PLATED.

2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.

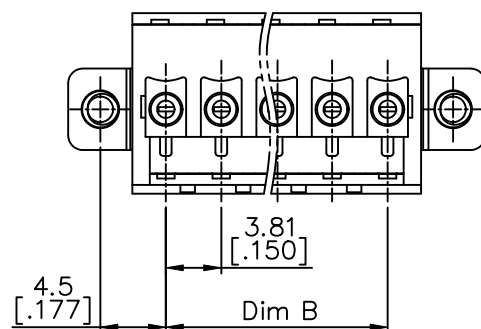
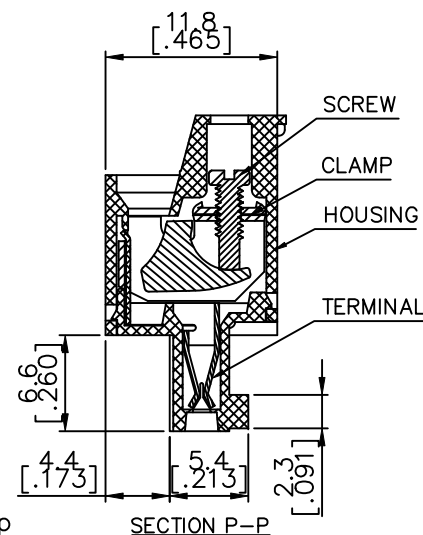
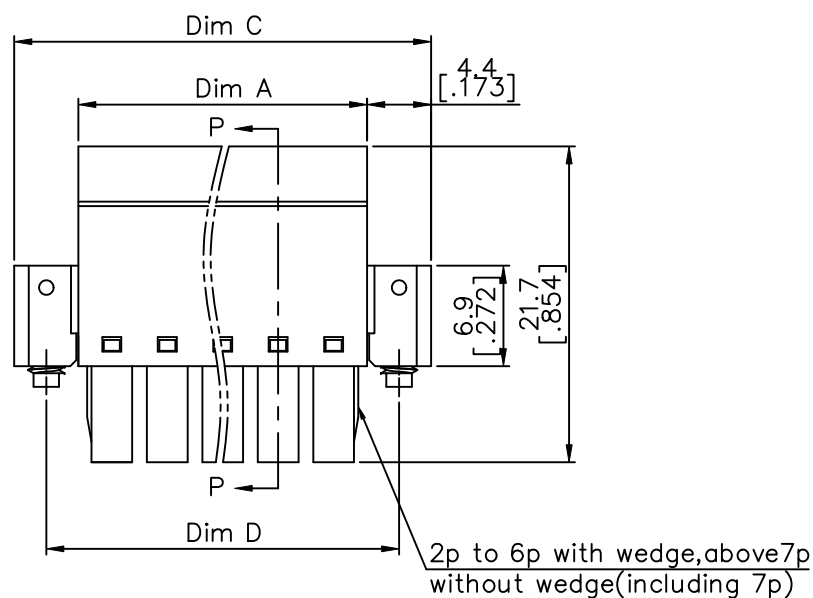
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

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.

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				title	
A		T10-0082		WL		080810		angles		X.±0.5		TERMINAL BLOCK	
B		T10-0158		WL		100410		linear		X.X±0.3		PLUGGABLE, PLUG, SIGNAL, W/FLANGE	
C		T10-0180		WL		111510		X'±1°		X.XX±0.1		FRONT SCREW	
D		T10-0186		WL		120810		dr		WENDY CHEN 051810		dwg no	
E		T11-0006		WL		012611		enr		JASON HSU 051810		sheet 1 of 5	
F		T-005908		WL		091311		chr		GARY HSIEH 051810		20020012	
								appd		JOSEPH HSIA 051810		A4	
												type	
												CUSTOMER Drawing	
sheet index		revision sheet		F		F		F		F			
				1		2		3		4		5	

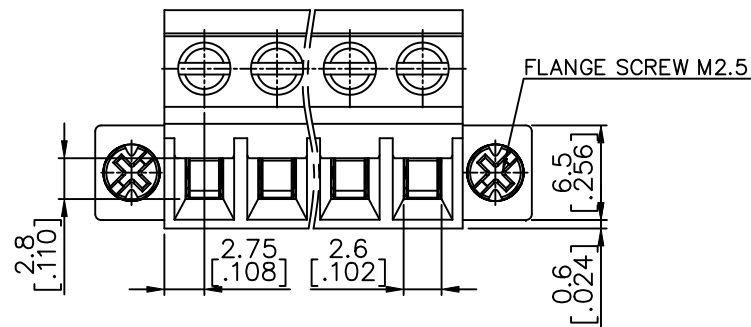
Printed: Apr 20, 2012

Poles	Tolerance
2-6p	$\pm 0.15[.006]$
7-11p	$\pm 0.20[.008]$
12-17p	$\pm 0.25[.010]$
18-24p	$\pm 0.30[.012]$



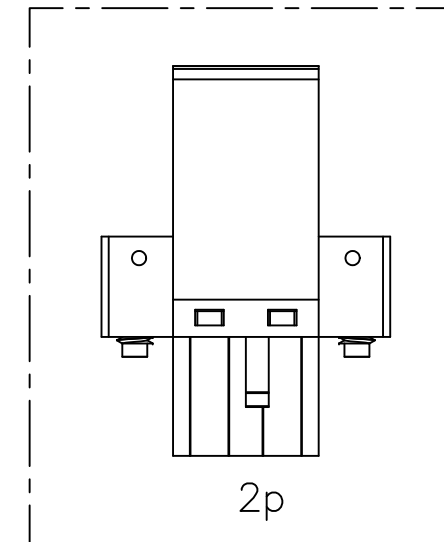
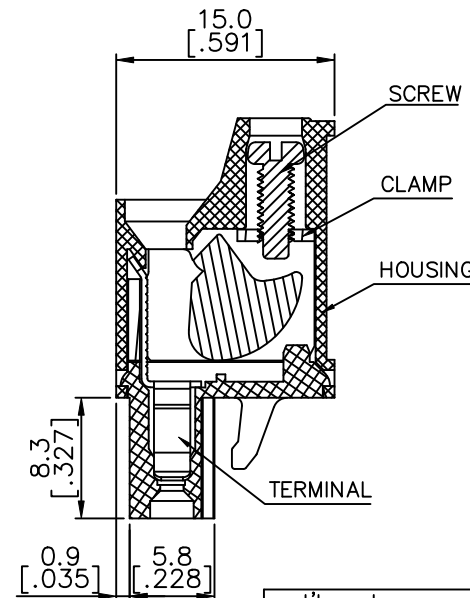
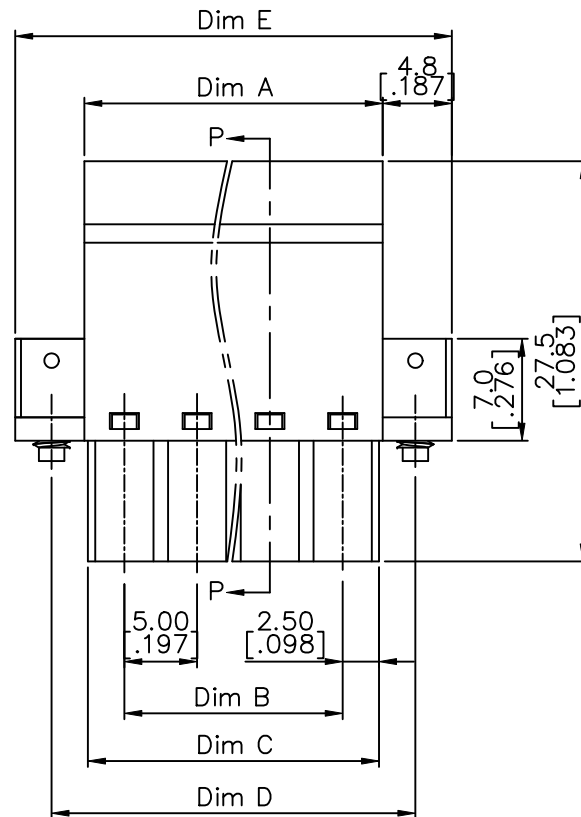
mat'l. code				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK					
itr ecn no dr date				tolerances unless otherwise specified				 MM [INCH]		title					
F				angles		X.±0.5				TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/FLANGE FRONT SCREW					
				linear		X.X±0.3									
						X.X±0.1									
				dr		WENDY CHEN 051810									
				enr		JASON HSU 051810		 scale		dwg no		sheet 3 of 5		size	
				chr		GARY HSIEH 051810				20020012		A.			
				appd		JOSEPH HSIA 051810				type		CUSTOMER Drawing			
sheet index		revision sheet													

PRODUCT NUMBER	SERIES NAME	PITCH
20020012-GXXXXXL	03-500	5.00 mm



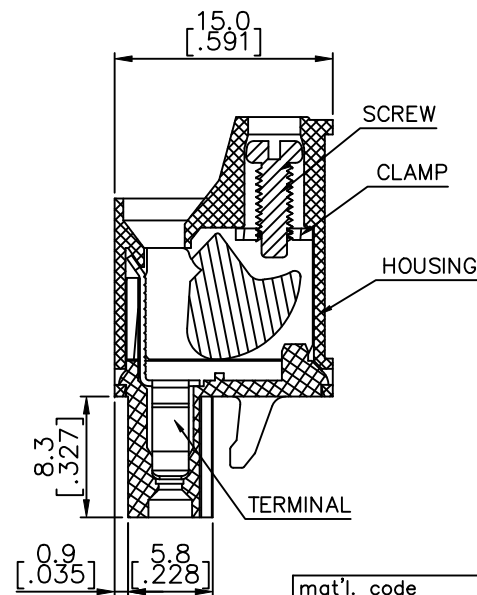
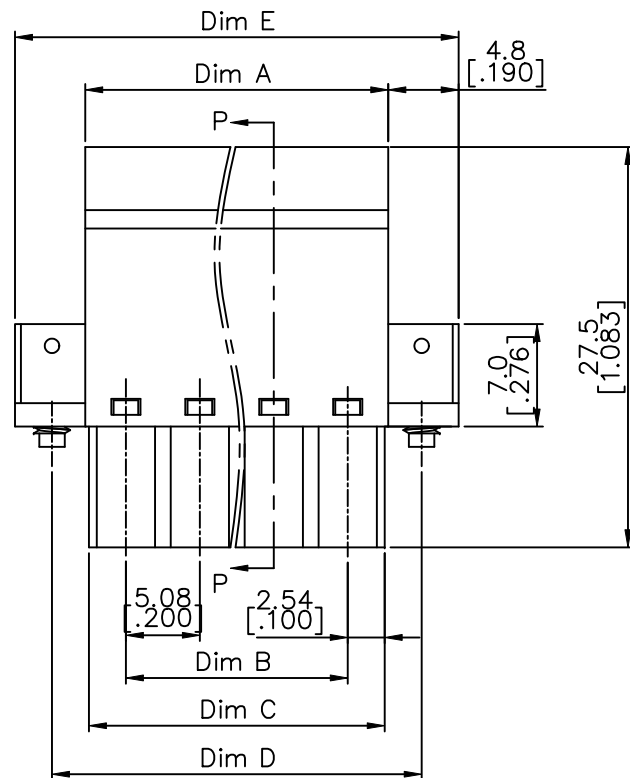
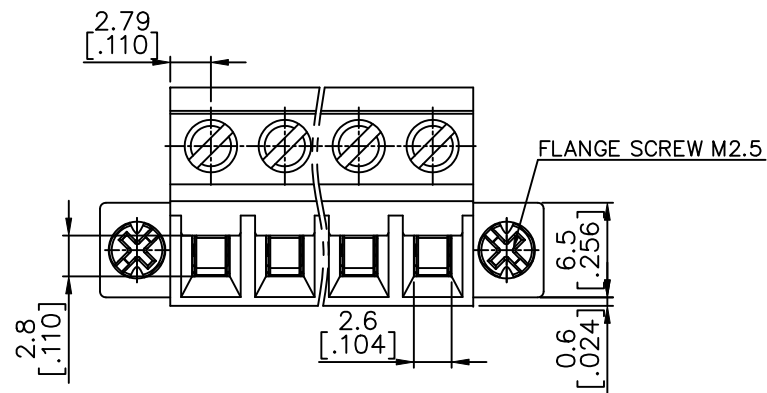
N = Number of poles
 Dim A = $N \times 5.0 [.197] + 0.5 [.020]$
 Dim B = $(N-1) \times 5.0 [.197]$
 Dim C = $N \times 5.0 [.197]$
 Dim D = $(N+1) \times 5.0 [.197]$
 Dim E = $(N+2) \times 5.0 [.197]$

Poles	Tolerance
2-7p	$\pm 0.15 [.006]$
8-12p	$\pm 0.25 [.010]$
13-18p	$\pm 0.30 [.012]$
19-24p	$\pm 0.40 [.016]$



mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
F				angles	X.±0.5		TERMINAL BLOCK
				linear	X.X±0.3		PLUGGABLE, PLUG, SIGNAL, W/FLANGE
				X*±1*	X.XX±0.1	scale	FRONT SCREW
		dr	WENDY CHEN	051810		FCI	sheet 4 of 5 size
		enr	JASON HSU	051810			20020012 A4
		chr	GARY HSIEH	051810			
		appd	JOSEPH HSIA	051810			
sheet index	revision sheet					type	CUSTOMER Drawing

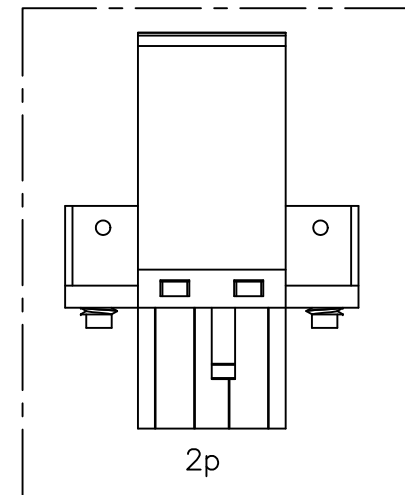
PRODUCT NUMBER	SERIES NAME	PITCH
20020012-HXXXXXXLF	03-508	5.08 mm



SECTION P-P

N = Number of poles
 Dim A = $N \times 5.08 [.200] + 0.50 [.020]$
 Dim B = $(N-1) \times 5.08 [.200]$
 Dim C = $N \times 5.08 [.200]$
 Dim D = $(N+1) \times 5.08 [.200]$
 Dim E = $(N+2) \times 5.08 [.200]$

Poles	Tolerance
2-6p	$\pm 0.15 [.006]$
7-12p	$\pm 0.25 [.010]$
13-18p	$\pm 0.30 [.012]$
19-24p	$\pm 0.40 [.016]$



mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
F				angles	X.±0.5 X.X±0.3 X.XX±0.1	scale	TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/FLANGE FRONT SCREW
				dr	WENDY CHEN 051810	FCI	sheet 5 of 5 size
				enr	JASON HSU 051810		20020012 A4
				chr	GARY HSIEH 051810		
				appd	JOSEPH HSIA 051810		
sheet index	revision sheet					type	CUSTOMER Drawing