

— 1 : STANDARD PRODUCT
W/ BOX PACKING

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

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

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- SCREW CODE

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

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

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	

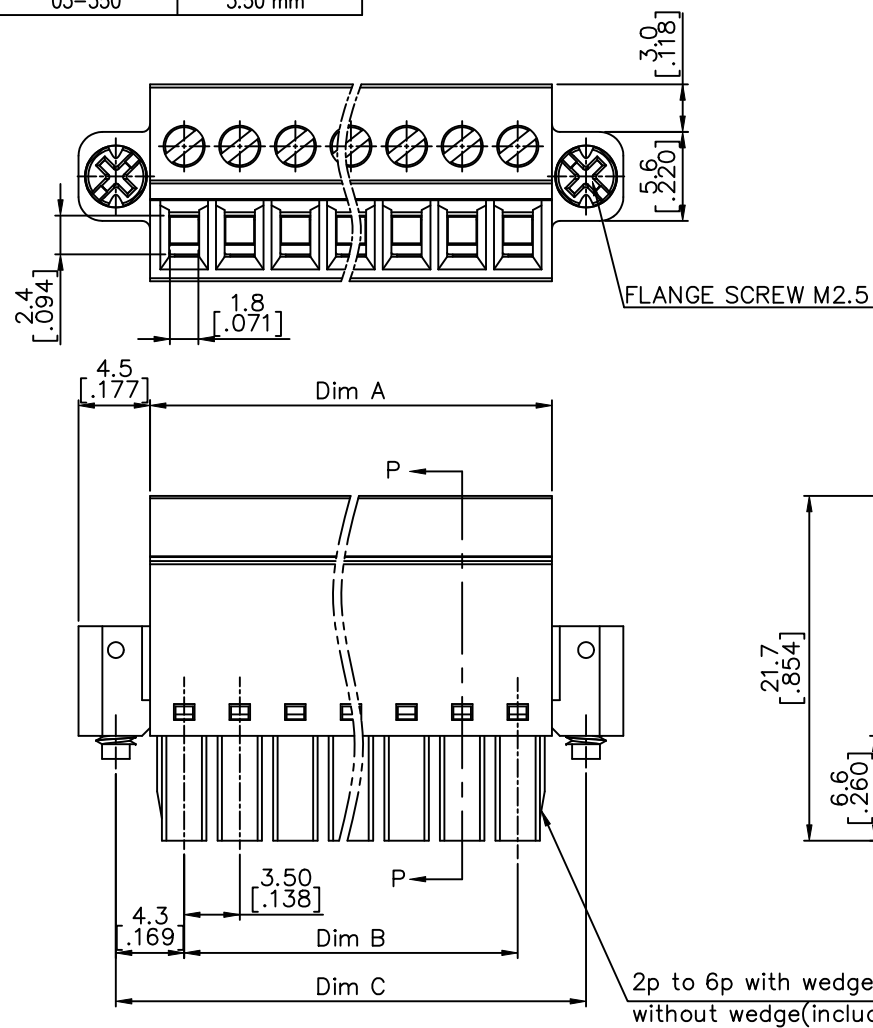
SAFETY CERTIFICATE



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.

[illegible]

PRODUCT NUMBER	SERIES NAME	PITCH
20020012-CXXXXXL	03-350	3.50 mm



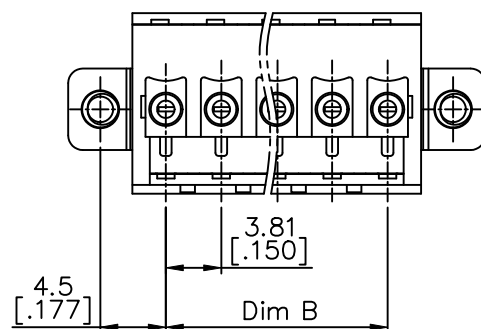
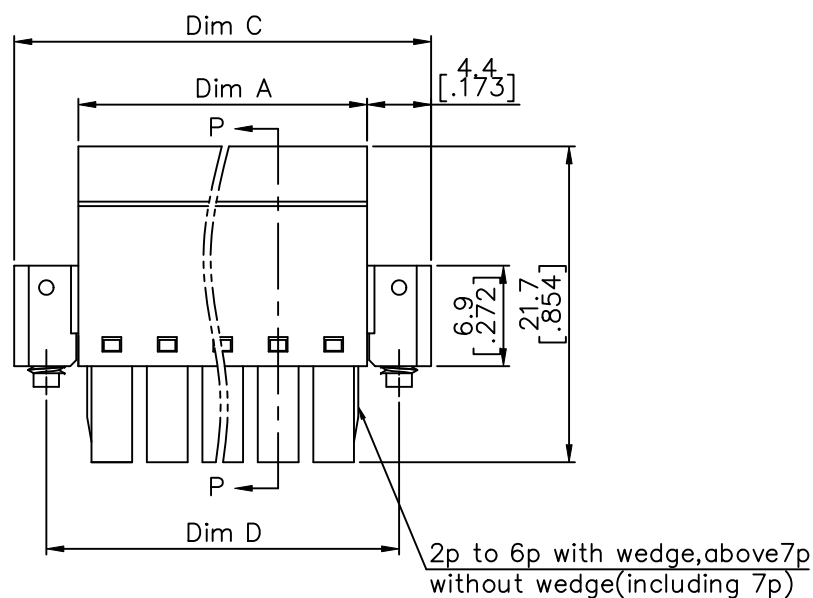
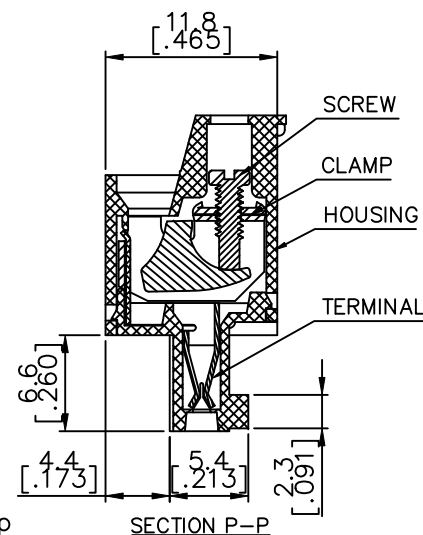
N = Number of poles

Dim A = $N \times 3.5 [0.138] + 0.80 [0.031]$ Dim B = $(N-1) \times 3.5 [0.138]$ Dim C = $(N-1) \times 3.5 [0.138] + 8.6 [0.339]$

Poles	Dim A	Dim B	Dim C
2-4p	$\pm 0.10 [0.004]$	$\pm 0.15 [0.006]$	
5-7p	$\pm 0.15 [0.006]$	$\pm 0.20 [0.008]$	
8-12p	$\pm 0.20 [0.008]$	$\pm 0.25 [0.010]$	
13-18p	$\pm 0.25 [0.010]$	$\pm 0.30 [0.012]$	
19-24p	$\pm 0.30 [0.012]$	$\pm 0.40 [0.016]$	

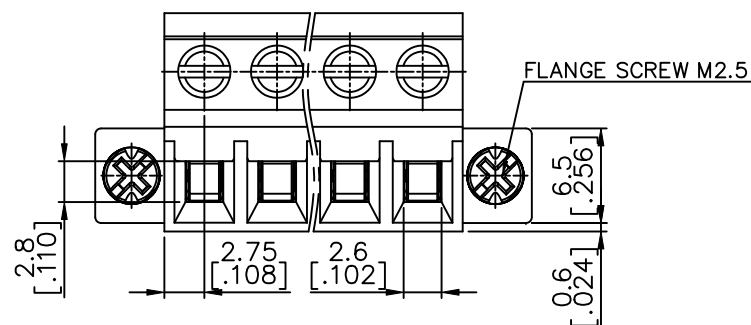
mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title
F				TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/FLANGE FRONT SCREW
				sheet 2 of 5
				20020012
				A4
				type
				CUSTOMER Drawing
sheet index	revision	sheet		

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



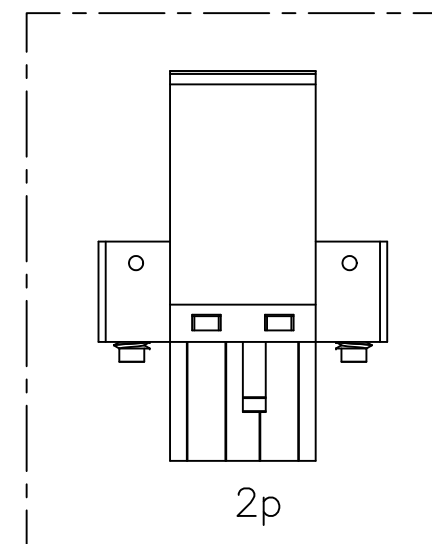
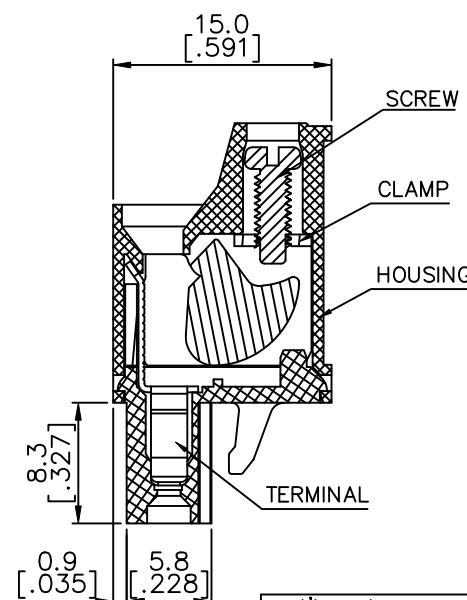
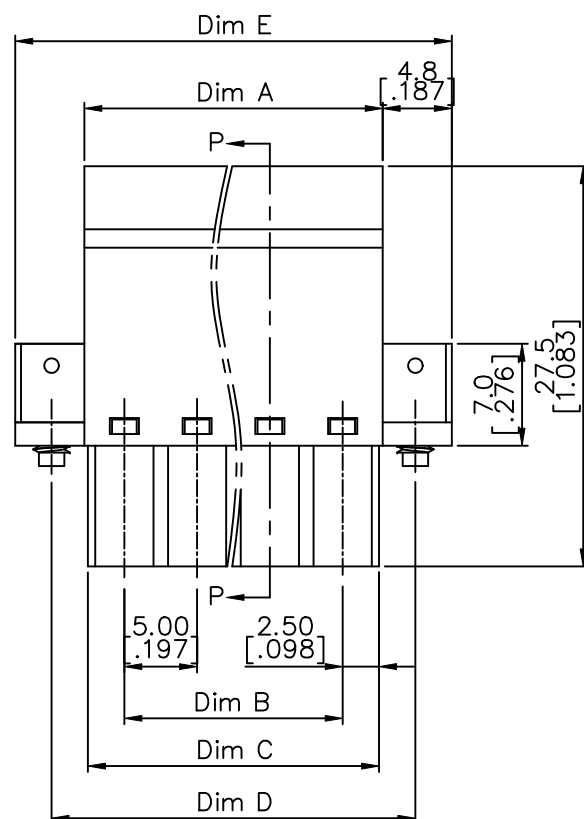
mat'l. code				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK					
itr ecn no dr date				tolerances unless otherwise specified				 MM [INCH]		title					
F				angles		X.±0.5				TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/FLANGE FRONT SCREW					
				linear		X.X±0.3									
						X.X±0.1									
				dr		WENDY CHEN 051810									
				enr		JASON HSU 051810		 FCI		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



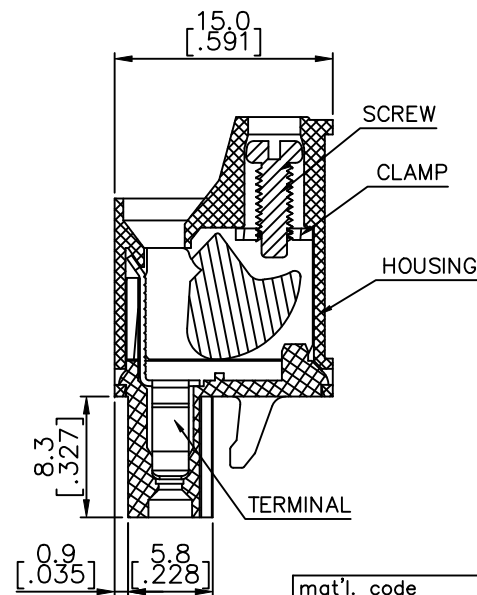
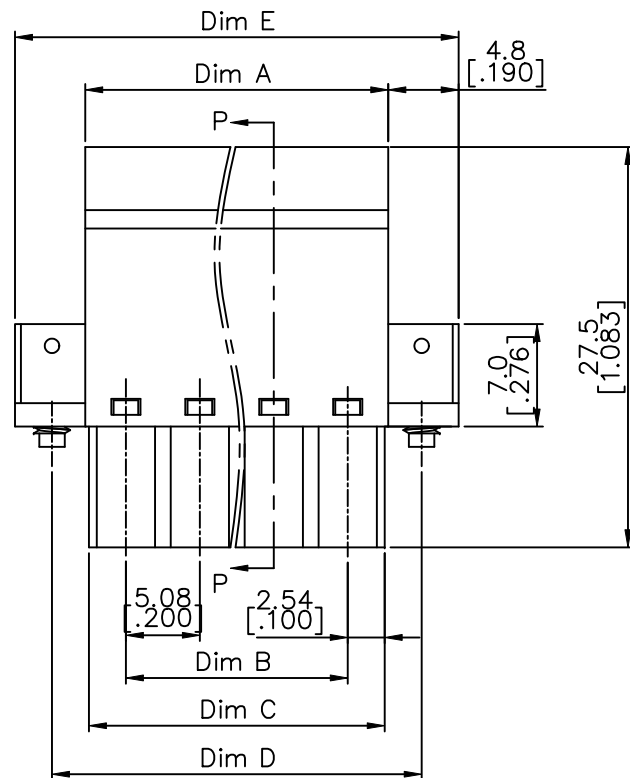
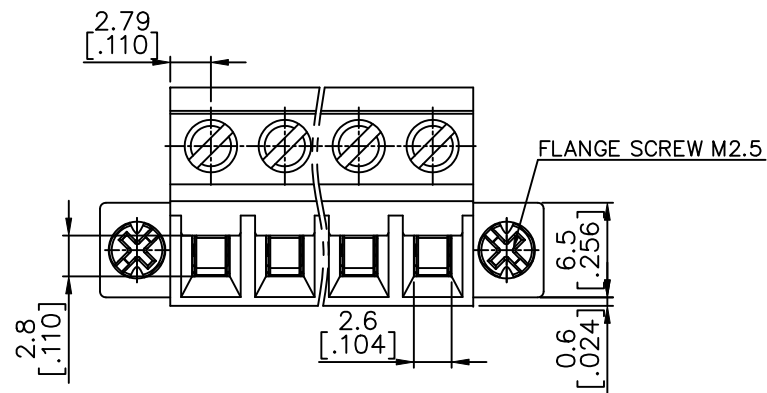
N = Number of poles
 Dim A = $N \times 5.0 [.197] + 0.5 [.020]$
 Dim B = $(N-1) \times 5.0 [.197]$
 Dim C = $N \times 5.0 [.197]$
 Dim D = $(N+1) \times 5.0 [.197]$
 Dim E = $(N+2) \times 5.0 [.197]$

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	dwg no
		enr	JASON HSU	051810			sheet 4 of 5
		chr	GARY HSIEH	051810			size
		appd	JOSEPH HSIA	051810			A4
sheet index	revision sheet						type
							CUSTOMER Drawing

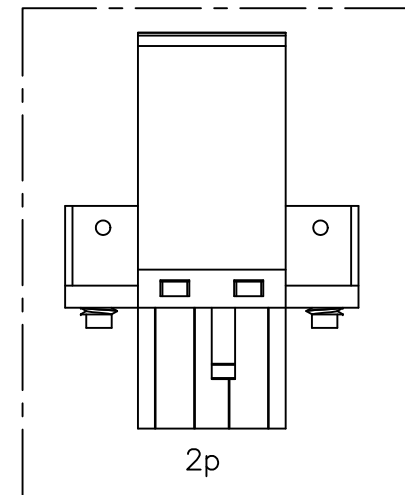
PRODUCT NUMBER	SERIES NAME	PITCH
20020012-HXXXXXXLF	03-508	5.08 mm



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		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			sheet 5 of 5 size
		enr	JASON HSU	051810			20020012
		chr	GARY HSIEH	051810			A4
		appd	JOSEPH HSIA	051810			type
sheet index	revision sheet						CUSTOMER Drawing