

PRODUCT NUMBER

20020003-XXXXXXLF

20020003-

PITCH

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.

PROPERTY TABLE

FCI SERIES NAME		01-500	01-508
PITCH (mm)		5.00	5.08
VOLTAGE RATING (VAC)		300	300
CURRENT RATING (A)		12	12
APPLICABLE WIRE RANGE (AWG)		1-WIRE	12~24
		2-WIRE	18
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	2.5
		2-WIRE	1.0
	STRANDED	1-WIRE	2.5
		2-WIRE	1.5
OPENING CONTACT HOUSING(mm ²)		2.6x3.2	2.6x3.2
WIRE STRIP LENGTH(mm)		7~8	7~8
TORQUE +/−10% (N-m/Lb-in)		0.57/5.0	0.57/5.0
SCREW		M3x0.5	M3x0.5
WITHSTANDING VOLTAGE (kV)		1.6	1.6
OPERATING TEMP. (°C)		−40~+115	−40~+115
POLES AVAILABLE		02~24	02~24

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:

1. MATERIALS

1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.

1-2 SCREW AND FLANGE 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. BOXED PACKAGING,

DETAILED 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.

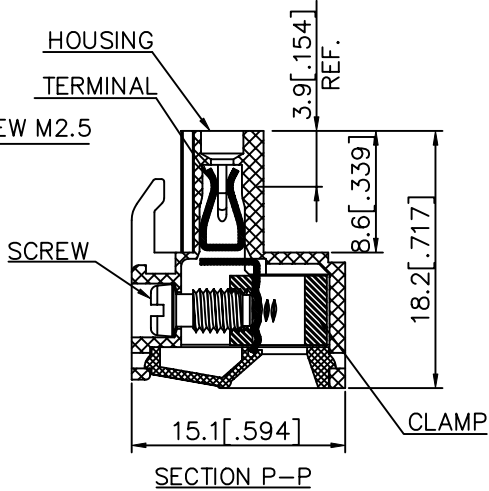
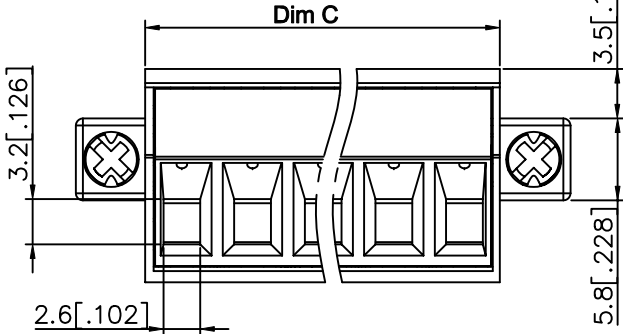
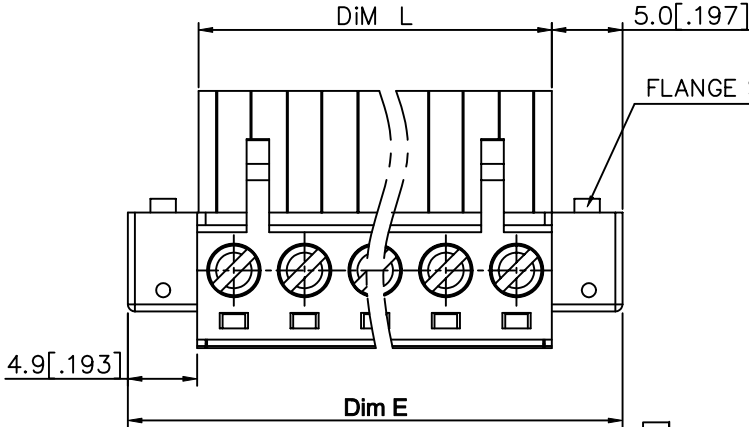
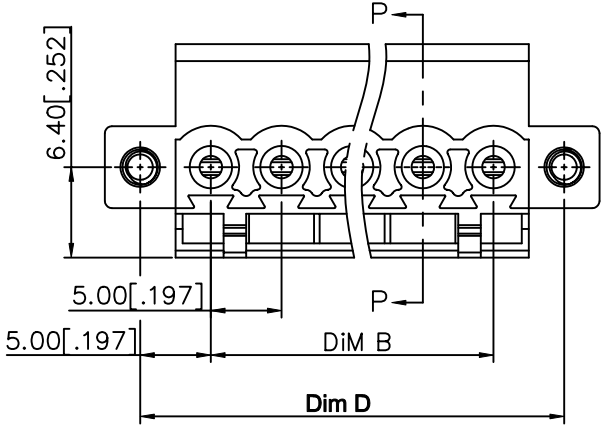
SAFETY CERTIFICATE



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	X.±0.5[.020]	MM	TERMINAL BLOCK
B	T10-0127	WL	080910	tolerances	X.X±0.3[.012]	INCH	PLUGGABLE, PLUG, SIGNAL, W/FLANGE
C	T10-0155	WL	093010	X*±1"	X.XX±0.1[.004]	scale	CONTACT UP SIDE
D	T10-0187	WL	121410	dr	WENDY CHEN	042310	dwg no
E	T-004860	WL	080411	enr	JASON HSU	042310	sheet 1 of 3
				chr	GARY HSIEH	042310	size
				appd	JOSEPH HSIA	042310	20020003
sheet	revision	E	E	E			A4
index	sheet	1	2	3			
				type			
				CUSTOMER Drawing			



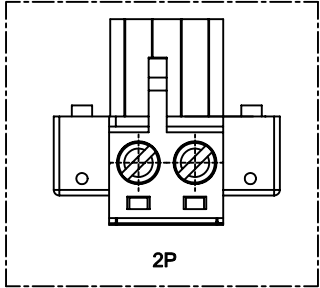
PRODUCT NUMBER	SERIES NAME	PITCH
20020003-GXXXXXL	01-500	5.00 mm



N= NUMBER OF POLES

Dim L	$N \times 5.0 [.197]$
Dim B	$(N-1) \times 5.0 [.197]$
Dim C	$N \times 5.0 [.197] + 0.10 [.004]$
Dim D	$(N+1) \times 5.0 [.197]$
Dim E	$(N+2) \times 5.0 [.197]$

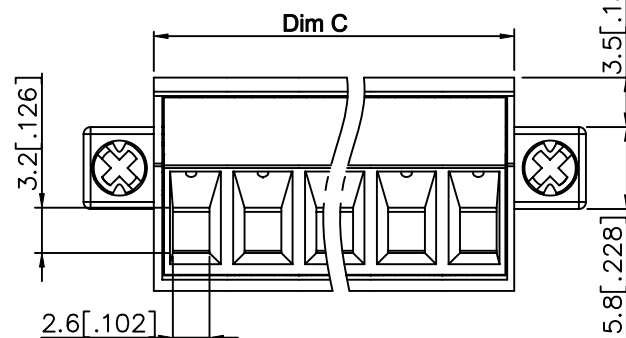
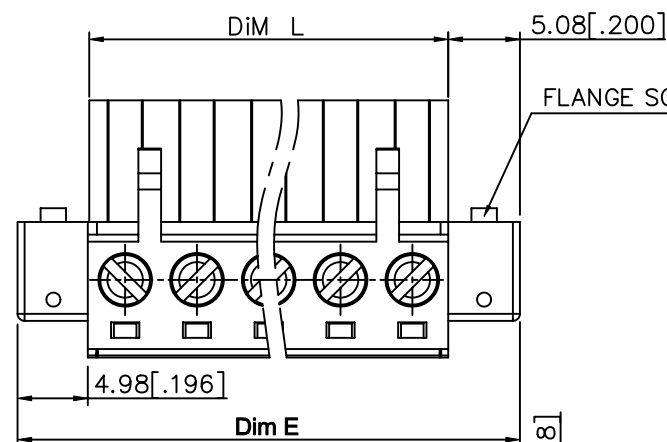
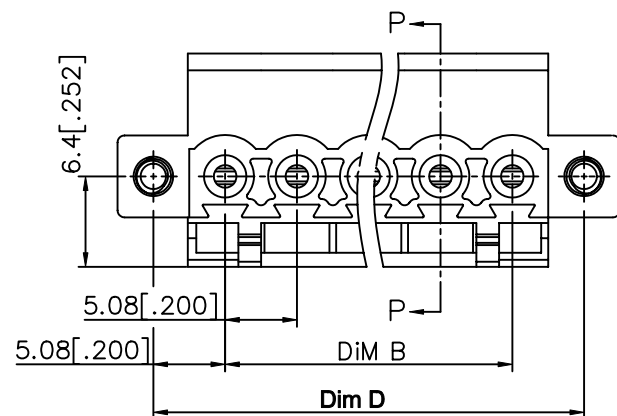
Poles	Tolerance
2P-5P	$\pm 0.15 [.006]$
6P-10P	$\pm 0.20 [.008]$
11P-15P	$\pm 0.25 [.010]$
16P-20P	$\pm 0.30 [.012]$
21P-24P	$\pm 0.40 [.016]$



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	linear	TERMINAL BLOCK
				$X \pm 0.5 [.020]$	$X \pm 0.3 [.012]$	PLUGGABLE, PLUG, SIGNAL, W/FLANGE
				$X \pm 1$	$X \pm 0.1 [.004]$	CONTACT UP SIDE
		dr	WENDY CHEN	042310		dwg no
		enr	JASON HSU	042310		sheet 2 of 3
		chr	GARY HSIEH	042310		size
		appd	JOSEPH HSIA	042310		20020003
sheet index	revision sheet					A4
						type
						CUSTOMER Drawing



PRODUCT NUMBER	SERIES NAME	PITCH
20020003-HXXXXXL	01-508	5.08 mm



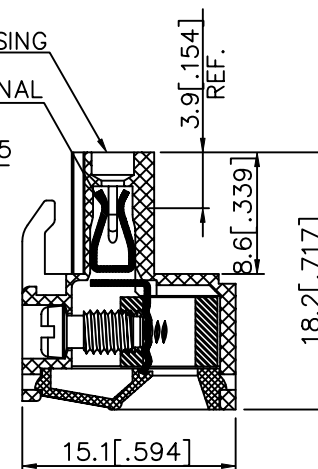
N= NUMBER OF POLES

Dim L	$N \times 5.08 [.200]$
Dim B	$(N-1) \times 5.08 [.200]$
Dim C	$N \times 5.08 [.200] + 0.10 [.004]$
Dim D	$(N+1) \times 5.08 [.200]$
Dim E	$(N+2) \times 5.08 [.200]$

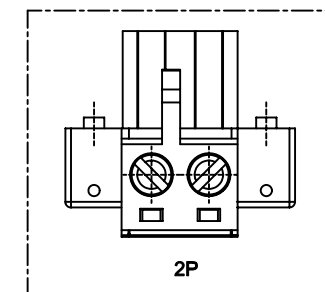
Poles	Tolerance
2P-5P	$\pm 0.15 [.006]$
6P-10P	$\pm 0.20 [.008]$
11P-15P	$\pm 0.25 [.010]$
16P-20P	$\pm 0.30 [.012]$
21P-24P	$\pm 0.40 [.016]$

HOUSING
TERMINAL

FLANGE SCREW M2.5



SECTION P-P



mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	date
E				
	angles	$X \pm 0.5 [.020]$ $X.X \pm 0.3 [.012]$ $X \pm 1^\circ$	scale	title TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/FLANGE CONTACT UP SIDE
	dr	WENDY CHEN	042310	dwg no
	enr	JASON HSU	042310	sheet 3 of 3
	chr	GARY HSIEH	042310	size A4
	appd	JOSEPH HSIA	042310	type CUSTOMER Drawing
sheet index	revision sheet			