

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.

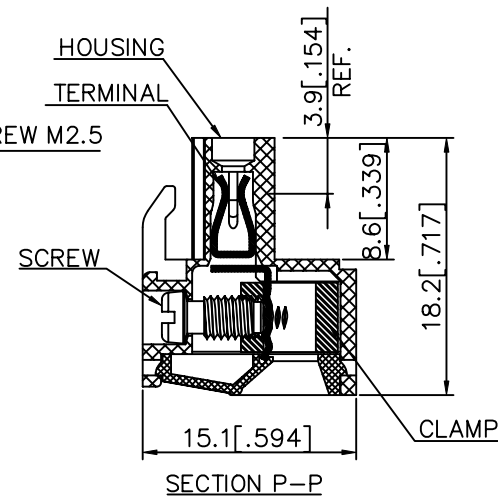
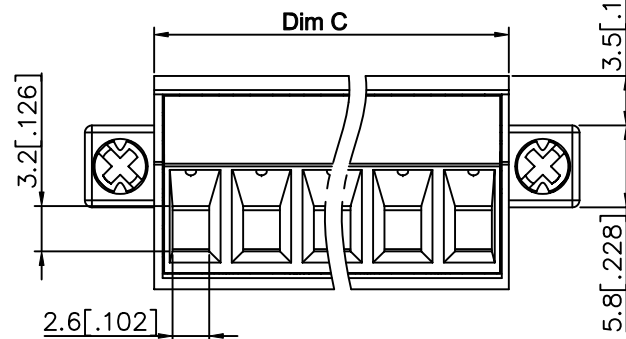
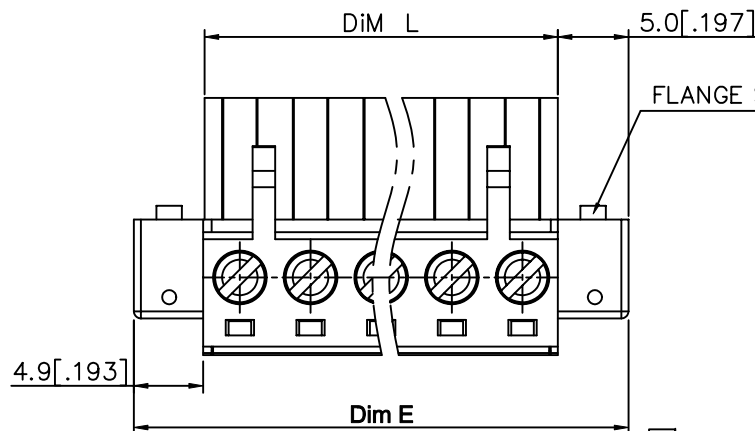
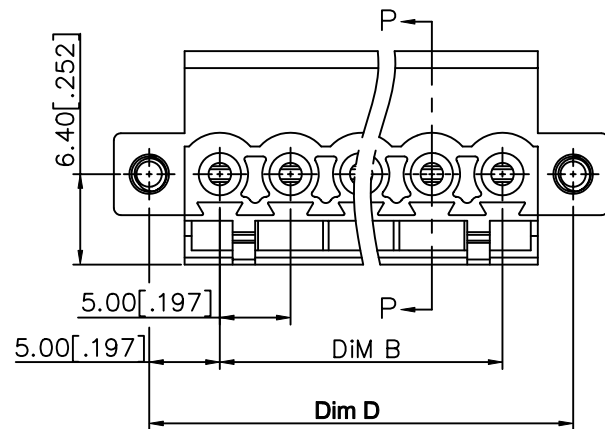
SAFETY CERTIFICATE



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	to	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	A4
sheet	revision	E	E	E			type
index	sheet	1	2	3			CUSTOMER Drawing



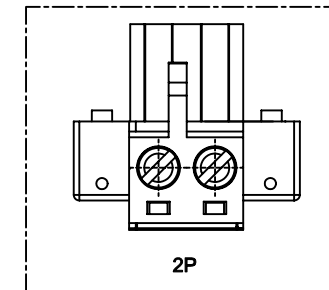
PRODUCT NUMBER	SERIES NAME	PITCH
20020003-GXXXXXLf	01-500	5.00 mm



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	$(N+2) \times 5.0 [.197]$

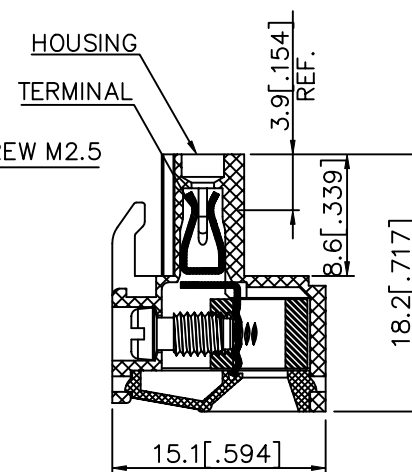
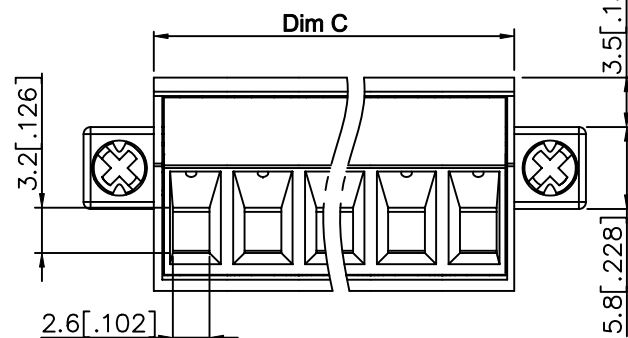
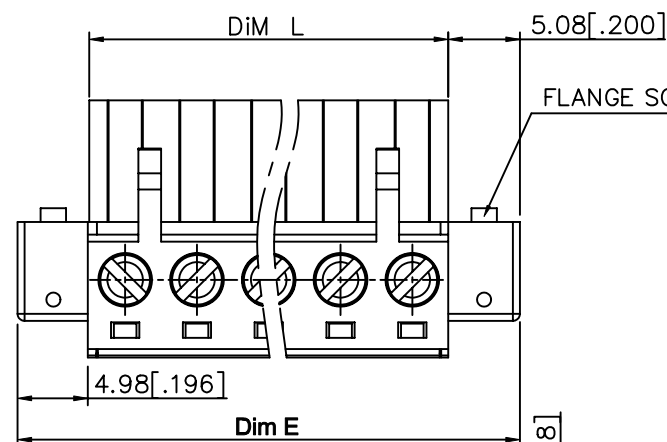
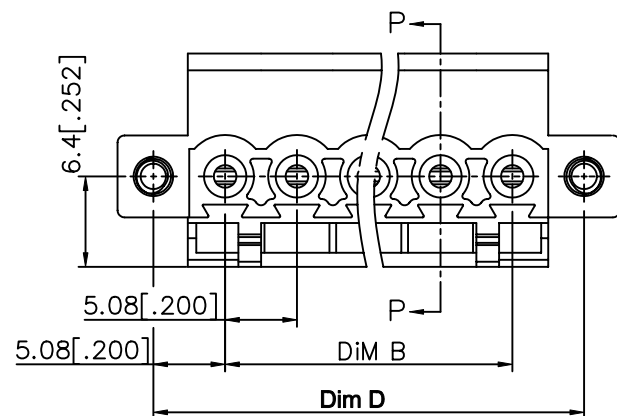
Poles	Tolerance
2P-5P	$\pm 0.15 [.006]$
6P-10P	$\pm 0.20 [.008]$
11P-15P	$\pm 0.25 [.010]$
16P-20P	$\pm 0.30 [.012]$
21P-24P	$\pm 0.40 [.016]$



mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family TERMINAL BLOCK	
ltr	ecn	no	dr	date			title	
E							TERMINAL BLOCK	
				angles	$X \pm 0.5 [.020]$	MM	PLUGGABLE, PLUG, SIGNAL, W/FLANGE	
					$X.X \pm 0.3 [.012]$	INCH	CONTACT UP SIDE	
				$X \pm 1^\circ$	$X.XX \pm 0.1 [.004]$	scale	dwg no	
				dr	WENDY CHEN	042310	sheet 2 of 3	
				enr	JASON HSU	042310	20020003	
				chr	GARY HSIEH	042310	A4	
				appd	JOSEPH HSIA	042310	type	
sheet index				revision	sheet		CUSTOMER Drawing	



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

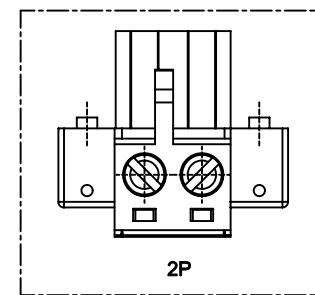


SECTION P-P

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	$\pm 0.40 [.016]$



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