

PRODUCT NUMBER

20020007-XXXXXXLF

20020007-

PITCH

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

PRINTING CODE	POSITION	MARKING
0	NONE	NONE
1	SIDE	1,2,3,4,5...

SCREW CODE

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

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	12~24
	2-WIRE	18	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
SAFETY CERTIFICATE			

HOUSING CODE

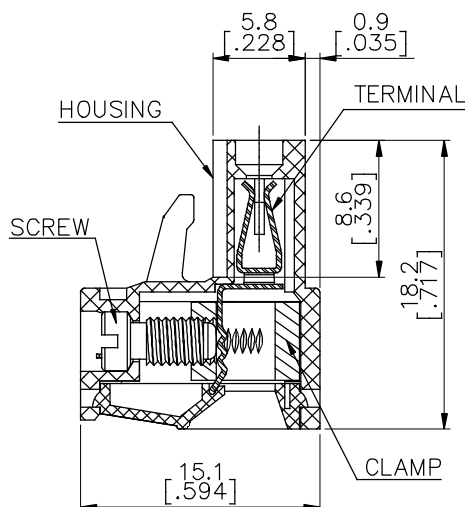
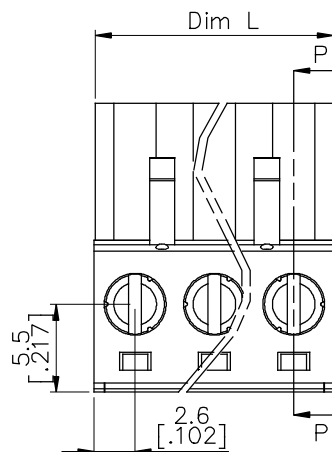
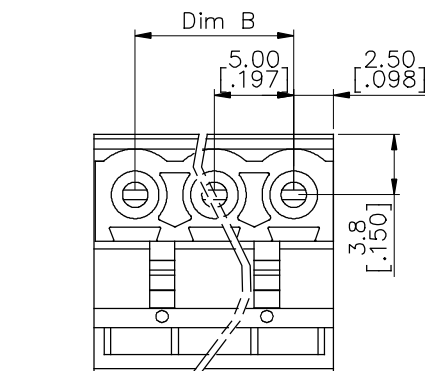
CODE	COLOR	AVAILABILITY
1	GREEN(RAL 6018/T)	STANDARD
2	BLACK	ON REQUEST ONLY
3	GREY(RAL 7004/P)	ON REQUEST ONLY
4	BLUE(RAL 5015/A)	ON REQUEST ONLY

NOTES:

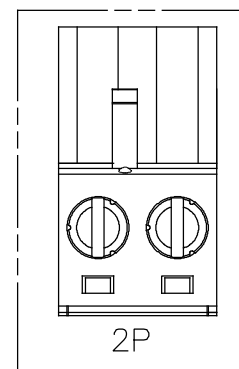
1. MATERIALS
1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
1-2 SCREW: STEEL, ZINC PLATED.
1-3 CLAMP: COPPER ALLOY, NICKEL PLATED.
1-4 TERMINAL: COPPER ALLOY, TIN PLATED.
2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
4. FCI, SAFETY CERTIFICATE 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
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	T10-0082	WL	080510	angles	X.±0.5	MM	TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE DOWNSIDE CONTACT
B	T10-0158	WL	100410	±0.1	X.X±0.3	[INCH]	
C	T-005908	WL	091311	X*±1*	X.XX±0.1	scale	
D	T-010814	LS	050912	dr	WENDY CHEN	051410	dwg no 20020007 type CUSTOMER Drawing
				enr	JASON HSU	051410	
				chr	GARY HSIEH	051410	
				appd	JOSEPH HSIA	051410	sheet 1 of 3 size A4
sheet	revision	D	D	D			
index	sheet	1	2	3			

PRODUCT NUMBER	SERIES NAME	PITCH
20020007-GXXXXXXLF	01-500	5.00 mm



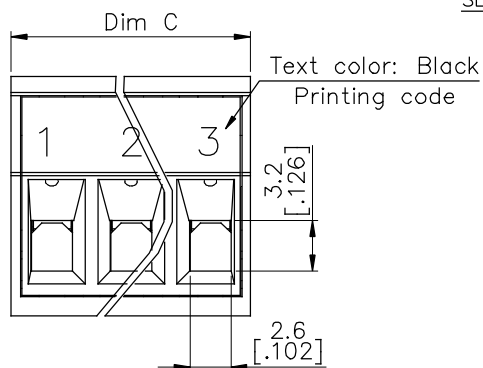
SECTION P-P



N= Number of poles

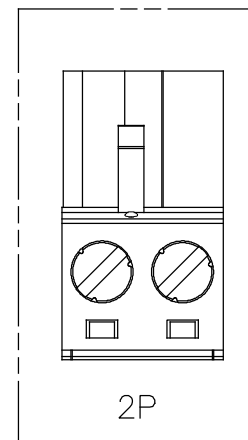
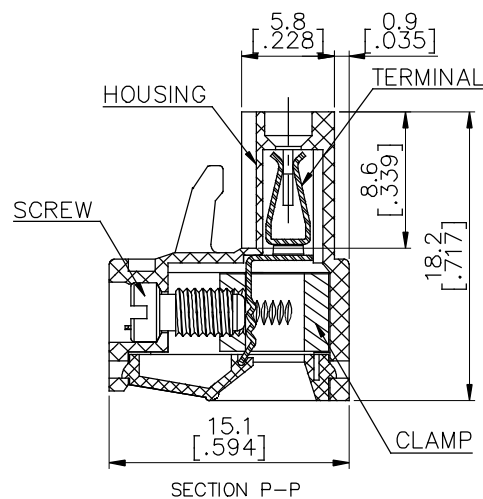
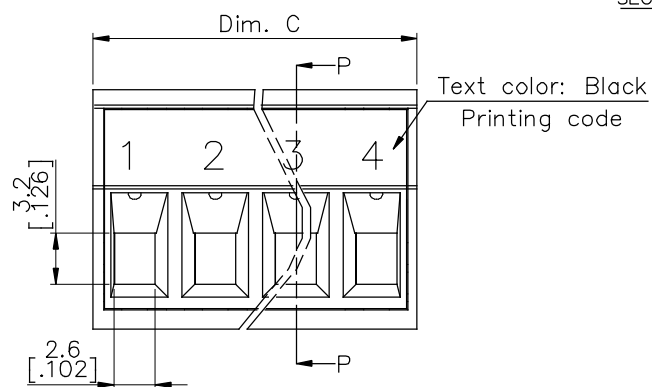
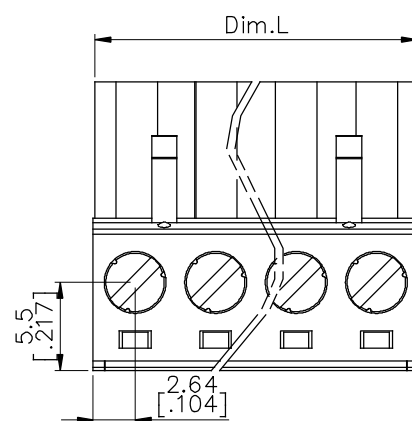
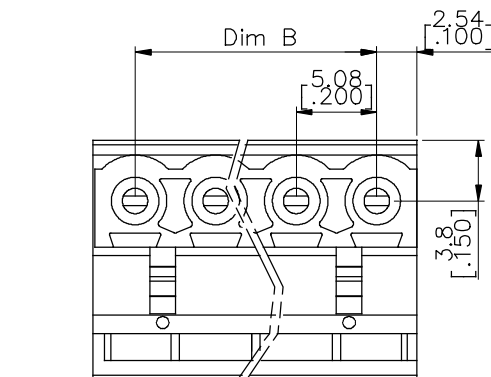
Dim L	N*5.0[.197]
Dim B	(N-1)*5.0[.197]
Dim C	Nx5.0[.197]+0.1[.004]

Poles	Tolerance
2P-7P	±0.15[.006]
8P-12P	±0.25[.010]
13P-18P	±0.30[.012]
19P-24P	±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	MM [INCH]	title
D					angles		TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE DOWNSIDE CONTACT
					X*±1°		scale
					dr	WENDY CHEN	051410
					enr	JASON HSU	051410
					chr	GARY HSIEH	051410
					appd	JOSEPH HSIA	051410
sheet	revision						dwg no
index	sheet						20020007
							sheet 2 of 3
							size
							A4
							type
							CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020007-HXXXXXXLF	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	$N \times 5.08 [.200] + 0.1 [.004]$

Poles	Tolerance
2P-7P	$\pm 0.15 [.006]$
8P-12P	$\pm 0.25 [.010]$
13P-18P	$\pm 0.30 [.012]$
19P-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			title
D							TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE DOWNSIDE CONTACT
				angles	X.±0.5	scale	sheet 3 of 3
					X.X±0.3		size
				X*±1°	X.XX±0.1		20020007 A4
			dr	WENDY CHEN	051410	FCI	type
			enr	JASON HSU	051410		CUSTOMER Drawing
			chr	GARY HSIEH	051410		
			appd	JOSEPH HSIA	051410		
sheet index	revision	sheet					