

PRODUCT NUMBER
20020007-XXXXXXLF

20020007 - [] [] [] [] [] [] [] L F

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

NOTES:

- 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.
- PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
- PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
- FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.
- THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

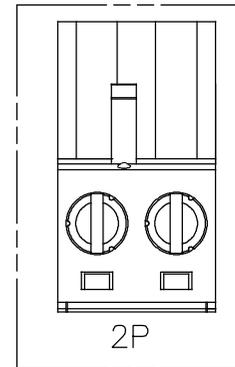
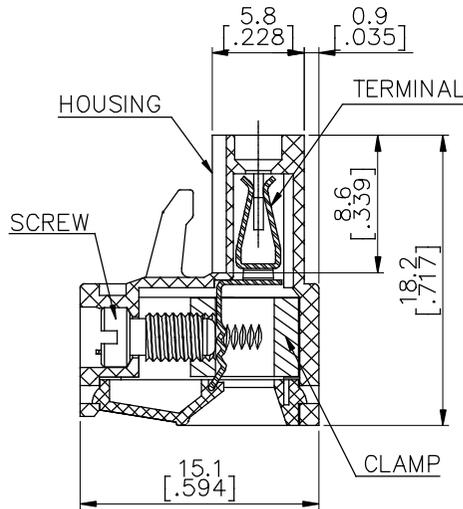
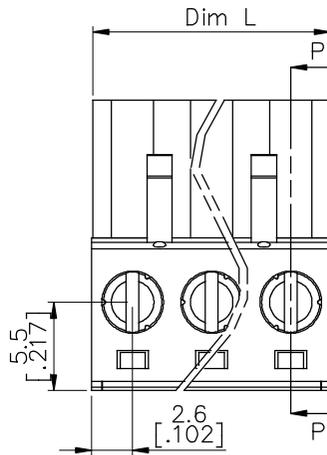
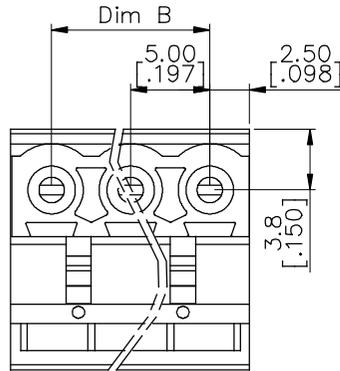
PROPERTY TABLE				
FCI SERIES NAME		01-500	01-508	
PITCH (mm)		5.00	5.08	
VOLTAGE RATING (VAC)		300	300	
CURRENT RATING (A)		12	12	
APPLICABLE WIRE RANGE (AWG)	1-WIRE	12~24	12~24	
	2-WIRE	18	18	
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	2.5	
		2-WIRE	1.0	
	STRANDED	1-WIRE	2.5	
		2-WIRE	1.5	
OPENING CONTACT 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

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 TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE DOWNSIDE CONTACT
A	T10-0082	WL	080510	angles	
B	T10-0158	WL	100410	$X \pm 0.5$	scale MM [INCH]
C	T-005908	WL	091311	$X.X \pm 0.3$	
D	T-010814	LS	050912	$X \pm 1^*$	sheet 1 of 3 size 20020007 A4 type CUSTOMER Drawing
				dr WENDY CHEN 051410	
				enr JASON HSU 051410	
				chr GARY HSIEH 051410	
				appd JOSEPH HSIA 051410	
sheet index	revision sheet	D 1	D 2	D 3	

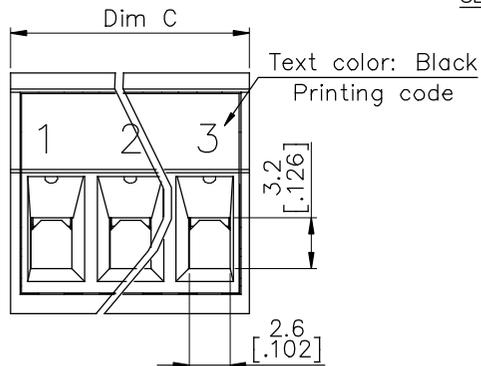
PRODUCT NUMBER	SERIES NAME	PITCH
20020007-GXXXXXXLF	01-500	5.00 mm



N= Number of poles

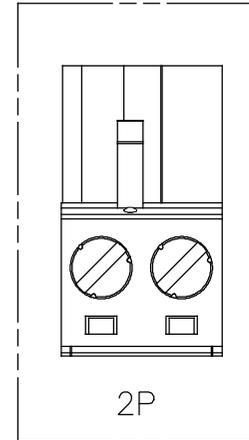
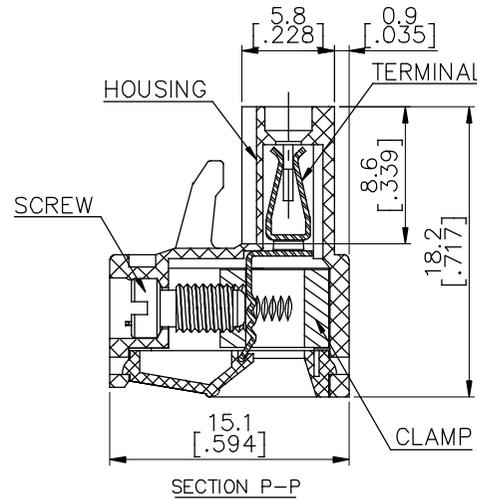
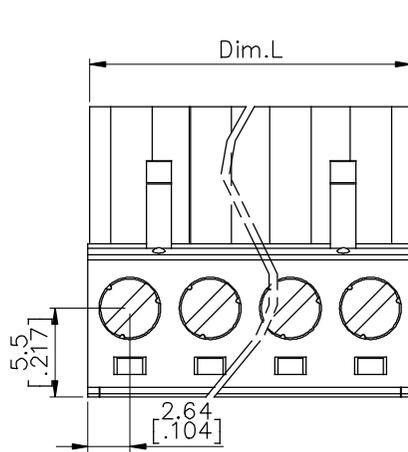
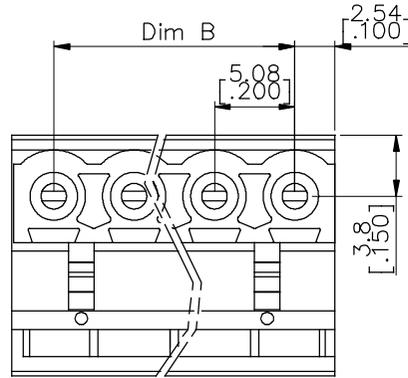
Dim L	N*5.0[.197]
Dim B	(N-1)*5.0[.197]
Dim C	Nx5.0[.197]+0.1[.004]

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 MM [INCH]	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE DOWNSIDE CONTACT	
D		tolerances unless otherwise specified		scale	sheet 2 of 3
		angles	X.±0.5	FCI	size A4
		fillet	X.X±0.3		dwg no 20020007
		X*±1*	X.XX±0.1		type CUSTOMER Drawing
dr	WENDY CHEN	051410			
enr	JASON HSU	051410			
chr	GARY HSIEH	051410			
appd	JOSEPH HSIA	051410			
sheet index	revision sheet				

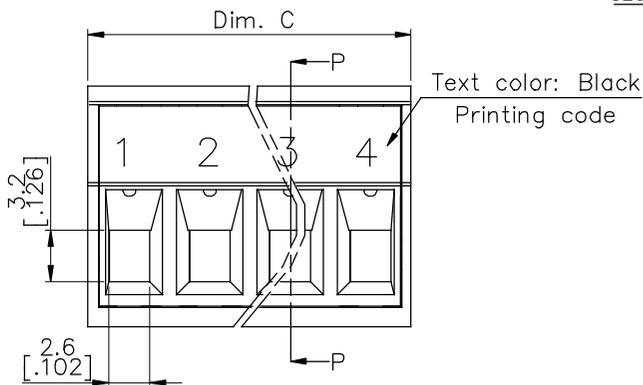
PRODUCT NUMBER	SERIES NAME	PITCH
20020007-HXXXXXXLF	01-508	5.08 mm



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	tolerances unless otherwise specified	title TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE DOWNSIDE CONTACT
D				angles X°±1'	
				tolerances unless otherwise specified	scale
				dr WENDY CHEN 051410	sheet 3 of 3
				enr JASON HSU 051410	size A4
				chr GARY HSIEH 051410	dwg no 20020007
				appd JOSEPH HSIA 051410	type CUSTOMER Drawing
sheet index	revision sheet				

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[20020007-G021B01LF](#) [20020007-G031B01LF](#) [20020007-G041B01LF](#) [20020007-G061B01LF](#) [20020007-G081B01LF](#) [20020007-H021B01LF](#) [20020007-H031B01LF](#) [20020007-H061B01LF](#) [20020007-H081B01LF](#) [20020007-G051B01LF](#) [20020007-G071B01LF](#) [20020007-H091B01LF](#) [20020007-H101B01LF](#) [20020007-G101B01LF](#) [20020007-G072B01LF](#) [20020007-H033B11LF](#) [20020007-H063B01LF](#) [20020007-H051A01LF](#) [20020007-H061A01LF](#) [20020007-H021A01LF](#) [20020007-H053B11LF](#) [20020007-H031A01LF](#) [20020007-H103B01LF](#) [20020007-H091A01LF](#) [20020007-H022B01LF](#) [20020007-H032B01LF](#) [20020007-H043B01LF](#) [TJ0250030600Y](#) [TJ0250830600Y](#) [TJ0251830600Y](#) [TJ045103000FY](#)

FCI / Amphenol:

[20020007-H023B01LF](#) [20020007-H042B01LF](#) [20020007-H022AA1LF](#) [20020007-H023AA1LF](#) [20020007-H062AA1LF](#) [20020007-H031AA1LF](#) [20020007-H091AA1LF](#) [20020007-H053AA1LF](#) [20020007-H081B11LF](#) [20020007-H061B11LF](#) [20020007-H101B11LF](#) [20020007-H121B11LF](#) [20020007-H041B11LF](#) [20020007-H051B11LF](#) [20020007-H071B11LF](#)