

PRODUCT NUMBER

20020006-XXXXXXLF

20020006 —       

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

SCREW CODE

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

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:

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. PRODUCTION 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.

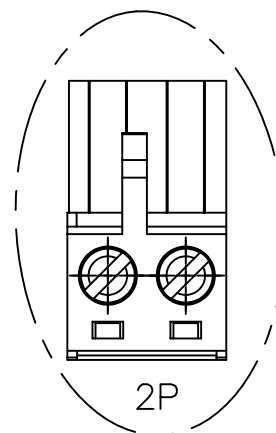
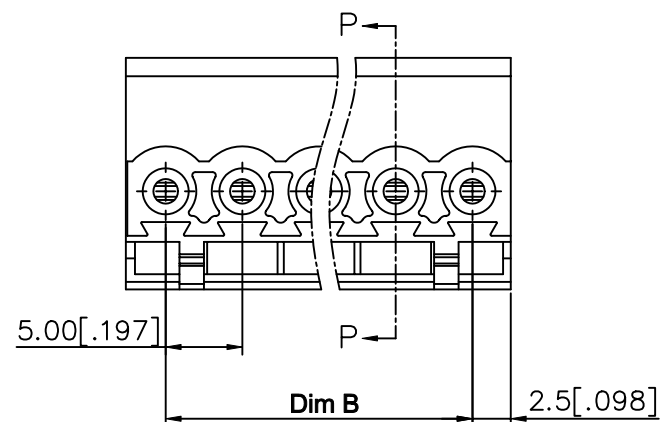
5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

PROPERTY TABLE

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	2.5
		2-WIRE	1.0	1.0
	STRANDED	1-WIRE	2.5	2.5
		2-WIRE	1.5	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				

mat'l. code				surface	tolerance	projection	product family
				ASME Y14.5 ✓	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
D	T10-0042	WL	030310	angles	X.±0.5[.020]	MM	TERMINAL BLOCK PLUGGABLE PLUG, CONTACT UP SIDE
E	T10-0127	WL	080910	to	X.X±0.3[.012]	INCH	
F	T10-0159	WL	100410	to	X.XX±0.1[.004]	scale	
G	T10-0187	WL	121410	dr	BEER FU	062509	sheet 1 of 3 size
H	T-004746	WL	072011	enr	BEER FU	062509	
				chr	GARY HSIEH	062509	
				appd	JOSEPH HSIA	062509	20020006 A4
sheet index	revision sheet	H	H	H			type CUSTOMER Drawing
		1	2	3			

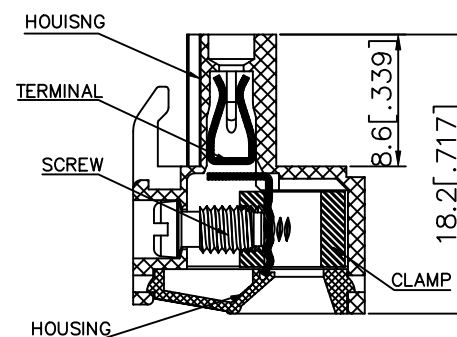
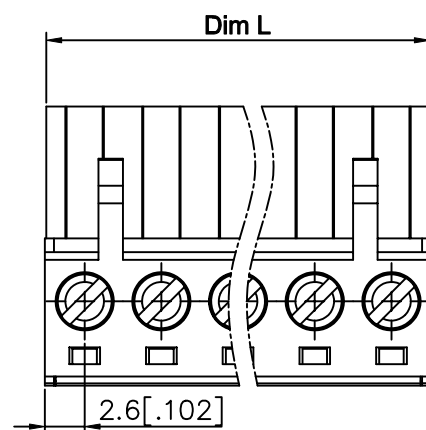
PRODUCT NUMBER	SERIES NAME	PITCH
20020006-GXXXXXL	01-500	5.00 mm



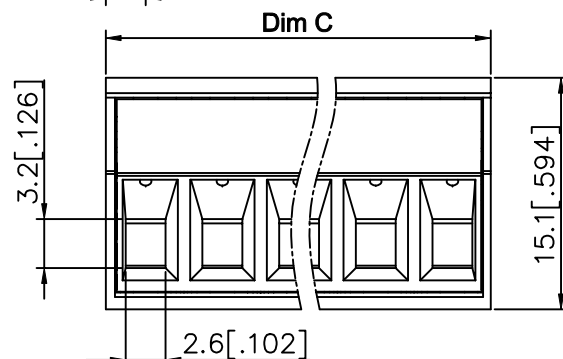
N= NUMBER OF POLES
DIMENSION

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

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	$\pm 0.40[.016]$

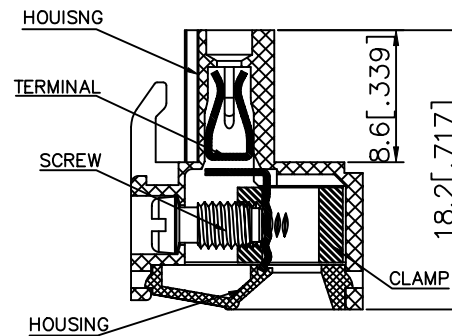
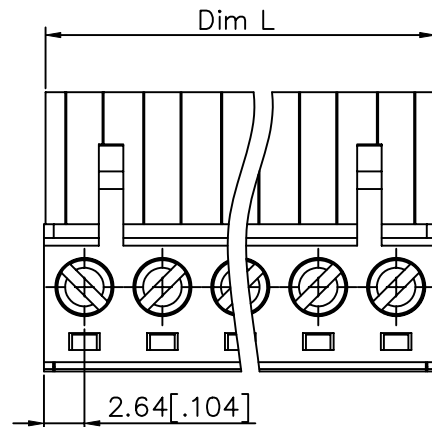
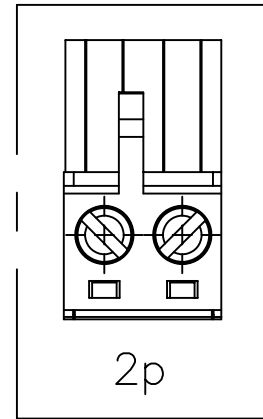
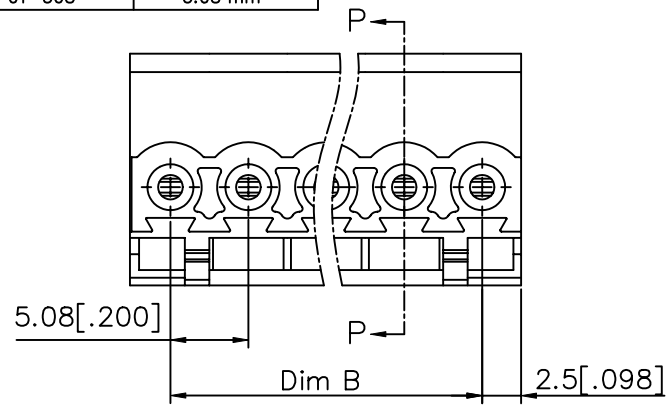


SECTION P-P



mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	tolerances unless otherwise specified			title
H				angles	$X \pm 0.5[.020]$ $X.X \pm 0.3[.012]$ $X \pm 1$	scale	TERMINAL BLOCK PLUGGABLE PLUG, CONTACT UP SIDE
				dr	BEER FU 062509		dwg no
				enr	BEER FU 062509		sheet 2 of 3 size
				chr	GARY HSIEH 062509		20020006 A4
				appd	JOSEPH HSIA 062509		type
sheet index	revision	sheet					CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020006-HXXXXXLf	01-508	5.08 mm

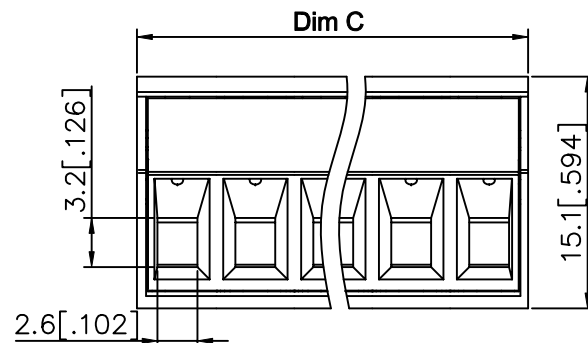


SECTION P-P

N= NUMBER OF POLES
DIMENSION

Dim L	Nx5.08 [.200]
Dim B	(N-1)x5.08 [.200]
Dim C	Nx5.08 [.200]+0.10 [.004]

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



mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
litr	ecn no	dr	date	tolerances unless otherwise specified			title
H				angles X±1°	linear X.±0.5 [.020] X.X±0.3 [.012] X.XX±0.1 [.004]	scale	TERMINAL BLOCK PLUGGABLE PLUG, CONTACT UP SIDE
		dr	BEER FU	062509			sheet 3 of 3 size
		enr	BEER FU	062509			
		chr	GARY HSIEH	062509			
		appd	JOSEPH HSIA	062509			
sheet index	revision sheet						type CUSTOMER Drawing

Mouser Electronics

Authorized Distributor

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

[FCI:](#)

[20020006-H031B01LF](#) [20020006-H061B01LF](#) [20020006-H041B01LF](#) [20020006-H091B01LF](#) [20020006-H121B01LF](#)
[20020006-G051B01LF](#) [20020006-G151B01LF](#) [20020006-H221B01LF](#) [20020006-H151B01LF](#) [20020006-](#)
[G211B01LF](#) [20020006-H161B01LF](#) [20020006-G091B01LF](#) [20020006-G161B01LF](#) [20020006-G061B01LF](#)
[20020006-G121B01LF](#) [20020006-H191B01LF](#) [20020006-H081B01LF](#) [20020006-G181B01LF](#) [20020006-G201B01LF](#)
[20020006-G101B01LF](#) [20020006-H201B01LF](#) [20020006-G041B01LF](#) [20020006-H211B01LF](#) [20020006-](#)
[G111B01LF](#) [20020006-G071B01LF](#) [20020006-H241B01LF](#) [20020006-G021B01LF](#) [20020006-H101B01LF](#)
[20020006-G231B01LF](#) [20020006-H131B01LF](#) [20020006-G241B01LF](#) [20020006-G081B01LF](#) [20020006-H051B01LF](#)
[20020006-H181B01LF](#) [20020006-G191B01LF](#) [20020006-G221B01LF](#) [20020006-H071B01LF](#) [20020006-](#)
[G131B01LF](#) [20020006-H171B01LF](#) [20020006-H231B01LF](#) [20020006-G031B01LF](#) [20020006-G141B01LF](#)
[20020006-H111B01LF](#) [20020006-H141B01LF](#) [20020006-G171B01LF](#) [20020006-H021B01LF](#) [20020006-G051A01LF](#)
[20020006-G041A01LF](#) [20020006-G061A01LF](#) [20020006-G071A01LF](#) [20020006-G031A01LF](#) [20020006-](#)
[H021A01LF](#) [20020006-G022B01LF](#) [20020006-G042B01LF](#) [20020006-G062B01LF](#) [20020006-G032B01LF](#)
[20020006-H023B01LF](#) [20020006H021A01L](#) [20020006-G043B01LF](#) [20020006-H033B01LF](#)