

PRODUCT NUMBER

20020006-XXXXXXLF

20020006 —        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

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.

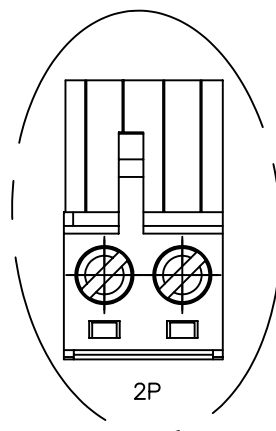
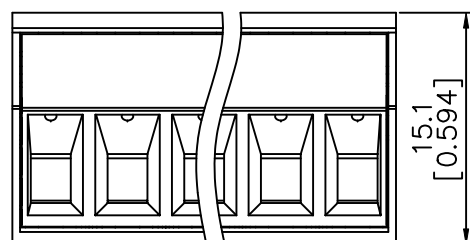
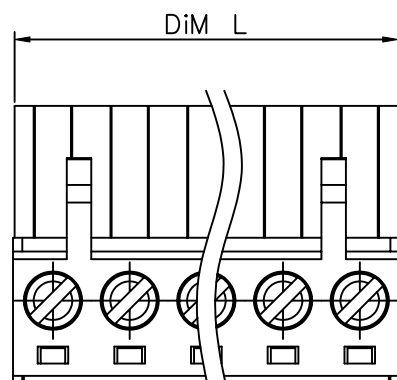
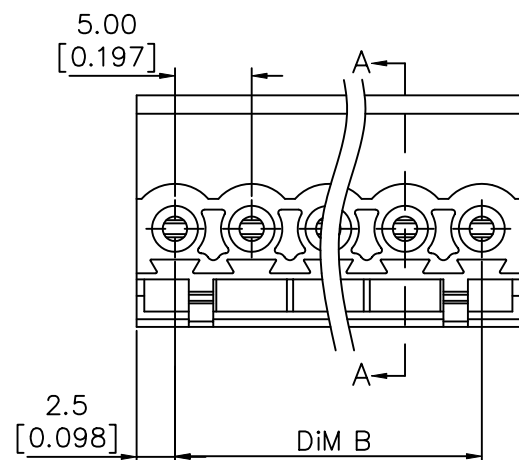
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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				
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				

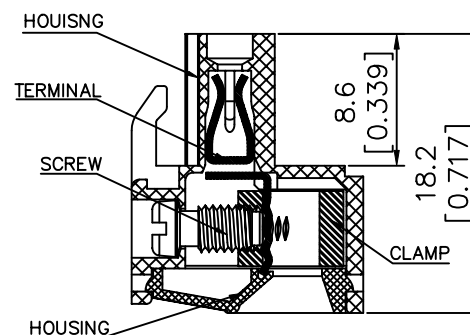
mat'l. code				surface	tolerance	projection	product family
				ASME Y14.5 ✓	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	0609-0203	BF	062509	angles to face	X.±0.5	 [INCH]	TERMINAL BLOCK PLUGGABLE PLUG, CONTACT UP SIDE
B	T09-1148	BF	111709		X.X±0.3		
C	T09-1152	BF	112609		X.XX±0.1		
D	T10-0042	WL	030310	dr	BEER FU	062509	sheet 1 of 3 size 20020006 A4
E	T10-0127	WL	080910	engr	BEER FU	062509	
F	T10-0159	WL	100410	chr	GARY HSIEH	062509	
G	T10-0187	WL	121410	appd	JOSEPH HSIA	062509	
sheet	revision	G	G	G			type
index	sheet	1	2	3			CUSTOMER Drawing

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



N = Number of poles
Dim A = $N \times 5.0 [0.197]$
Dim B = $(N-1) \times 5.0 [0.197]$

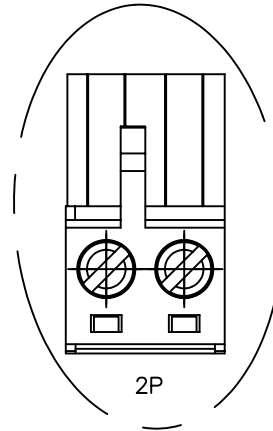
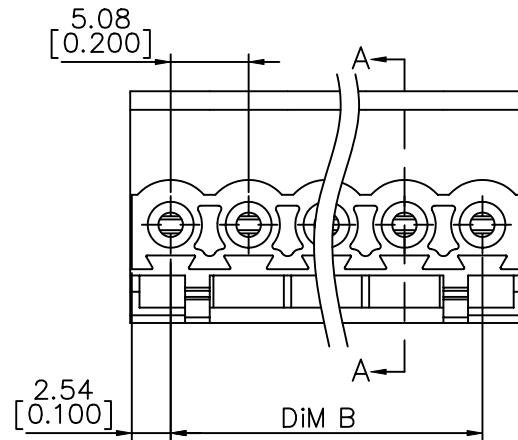
TOL.	Dim A	Dim B
2-5p	$\pm 0.15 [0.006]$	
6-10p	$\pm 0.20 [0.008]$	
11-15p	$\pm 0.25 [0.010]$	
16-20p	$\pm 0.30 [0.012]$	
21-24p	$\pm 0.40 [0.016]$	



SECTION A-A

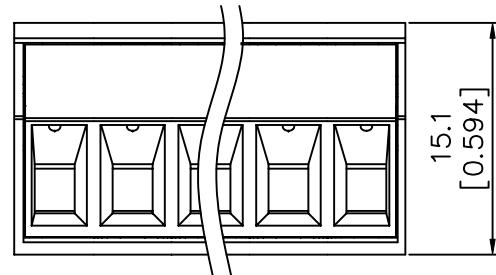
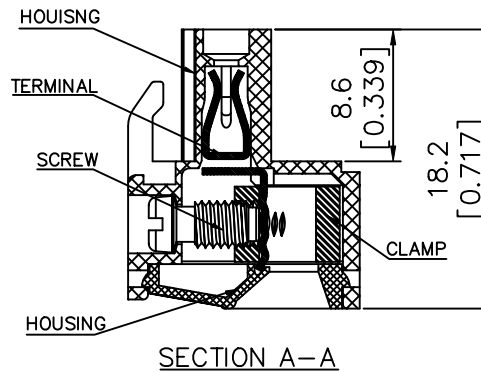
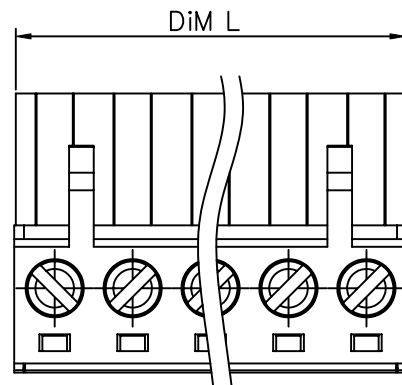
mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK
ltr	ecn	no	dr	date			title
g							TERMINAL BLOCK
				angles	$X \pm 0.5$		PLUGGABLE PLUG, CONTACT UP SIDE
				inlet	$X.X \pm 0.3$		
				$X \pm 1$	$X.XX \pm 0.1$	scale	
			dr	BEER FU	062509	FCI	sheet 2 of 3 size
			enr	BEER FU	062509		20020006
			chr	GARY HSIEH	062509		A4
			appd	JOSEPH HSIA	062509		type
sheet index	revision	sheet					CUSTOMER Drawing

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



N = Number of poles
Dim A = $N \times 5.08 [0.200]$
Dim B = $(N-1) \times 5.08 [0.200]$

TOL.	Dim A	Dim B
2-5p	$\pm 0.15 [0.006]$	
6-10p	$\pm 0.20 [0.008]$	
11-15p	$\pm 0.25 [0.010]$	
16-20p	$\pm 0.30 [0.012]$	
21-24p	$\pm 0.40 [0.016]$	



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															
g								angles		linear		X.±0.5				TERMINAL BLOCK									
										X.X±0.3		PLUGGABLE PLUG, CONTACT UP SIDE													
										X'±1"		scale													
								dr		BEER FU		062509				dwg no		sheet 3 of 3		size					
								enr		BEER FU		062509				20020006		A4							
								chr		GARY HSIEH		062509													
								appd		JOSEPH HSIA		062509				type		CUSTOMER Drawing							
sheet index		revision sheet																							