

PRODUCT NUMBER
20020332-XXXXXXXXLF

20020332- L F

PITCH  
G: 5.00 mm  
H: 5.08 mm

POLES  
02 : 2 POLES  
03 : 3 POLES  
: :  
08 : 8 POLES  
16 : 16 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT  
W/ BOX PACKING

SCREW CODE

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

PROPERTY TABLE			
FCI SERIES NAME		36-500	36-508
PITCH (mm)		5.00	5.08
VOLTAGE RATING (VAC)		300	300
CURRENT RATING (A)		10	10
APPLICABLE WIRE RANGE (AWG)	1-WIRE	12~24	12~24
	2-WIRE	18	18
WIRE CROSS SECTION (mm <sup>2</sup> )	SOLID	1-WIRE	2.5
		2-WIRE	1.0
	STRANDED	1-WIRE	1.5
		2-WIRE	0.75
OPENING CONTACT HOUSING(mm <sup>2</sup> )		2.5x2.5	2.5x2.5
WIRE STRIP LENGTH(mm)		6~7	6~7
TORQUE +/-10% (N-m/Lb-in)		0.4/3.5	0.4/3.5
SCREW		M2.5x0.4	M2.5x0.4
WITHSTANDING VOLTAGE (kV)		1.6	1.6
OPERATING TEMP. (°C)		-40~+115	-40~+115
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE		02~24	02~24
SAFETY CERTIFICATE		PENDING	PENDING

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. MATERIAL:

1-1 HOUSING: THERMOPLASTIC RESIN, UL94V-0 RATED.

1-2 SCREW: STEEL, ZINC PLATED.

1-3 CLAMP: BRASS, NICKEL PLATED (PITCH: 5.0);  
STEEL, ZINC PLATED (PITCH: 5.08)

1-4 TERMINAL: COPPER ALLOY, TIN PLATED.

2. PRODUCTION SPECIFICATION REFER TO FCI GS-12-625.

3. PACKAGING SPECIFICATION REFER TO FCI GS-14-1394.

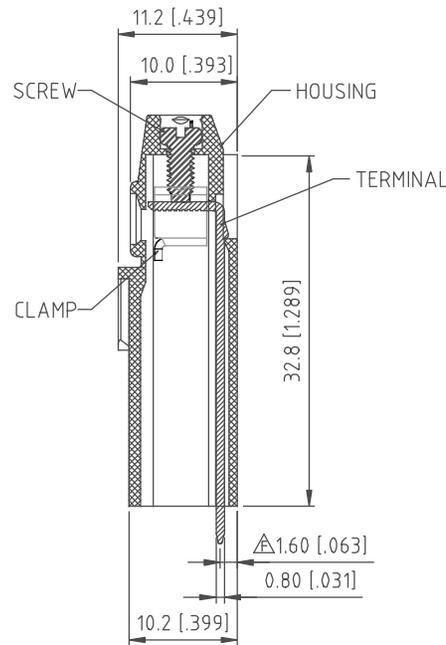
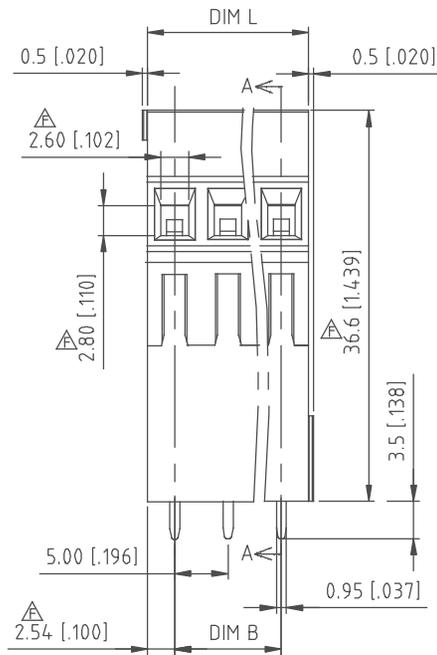
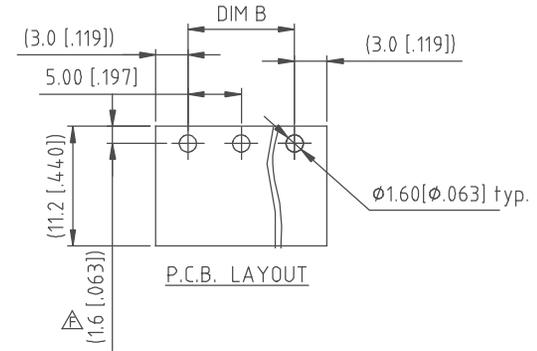
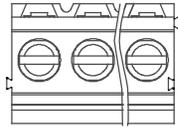
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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.

6. RECOMMENDED SOLDERING PROCESS BY WAVE SOLDER.

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	T10-0043	WL	030310	angles	X.±0.5	MM	TERMINAL BLOCK FIXED HORIZONTAL
B	T10-0059	WL	050710	pitch	X.X±0.3	[INCH]	
C	T10-0172	WL	102010	X'±1'	X.XX±0.1	scale	FCI dwg no 20020332 sheet 1 of 2 size A4 type CUSTOMER Drawing
D	T10-0177	WL	110410	dr	WENDY CHEN	020210	
E	T10-0187	WL	121410	enrg	JASON HSU	020210	
F	T-012057	LS	082912	chr	GARY HSIEH	020210	
				appd	JOSEPH HSIA	020210	
sheet index	revision sheet	F 1	F 2	F 3			

PRODUCT NUMBER	SERIES NAME	PITCH
20020332-GXXXXXXLF	36-500	5.00 mm



Dimension L&B

DIM L	$N \times 5.0 [.197]$
DIM B	$(N-1) \times 5.0 [.197]$

N=Number of poles

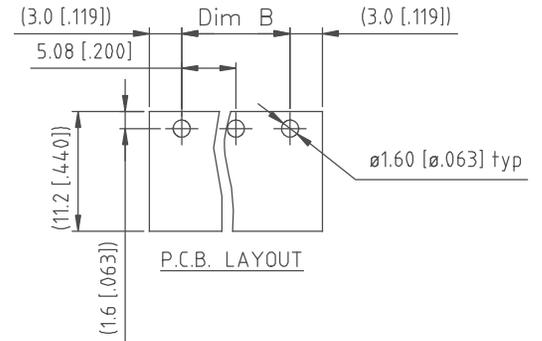
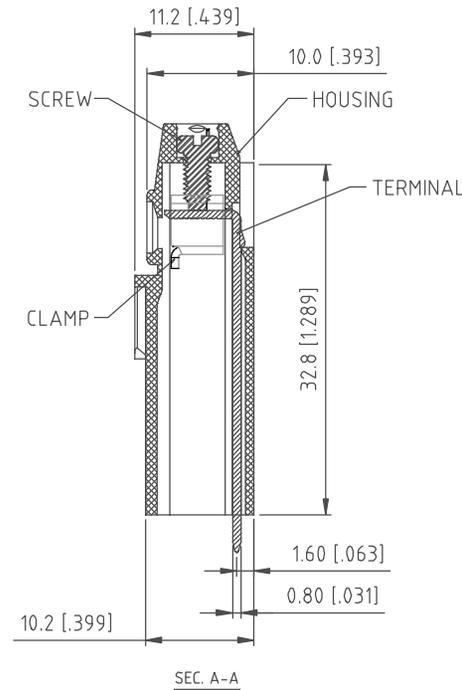
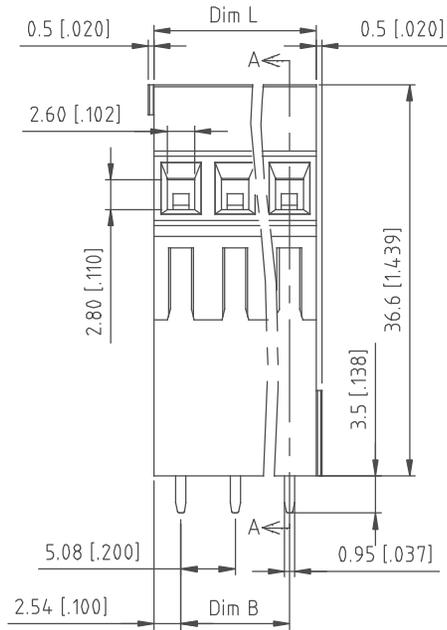
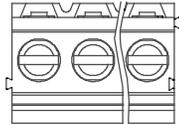
Poles	L&B Tolerance
2P-4P	$\pm 0.15 [.006]$
5P-8P	$\pm 0.25 [.010]$
16P	$\pm 0.35 [.014]$

SEC. A-A

mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK FIXED HORIZONTAL	
F				angles X.±0.5	scale MM [INCH]
				linear X'±1"	X.XX±0.1
		dr	WENDY CHEN 020210	dwg no	
		enr	JASON HSU 020210	sheet 2 of	
		chr	GARY HSIEH 020210	size	
		appd	JOSEPH HSIA 020210	A4	
sheet index		revision sheet		type CUSTOMER Drawing	



PRODUCT NUMBER	SERIES NAME	PITCH
20020332-HXXXXXXLF	36-508	5.08 mm



Dimension L&B

DIM L	N×5.08[.200]
DIM B	(N-1)×5.08[.200]

N=Number of contacts

Poles	L&B Tolerance
2P-4P	±0.15[.006]
5P-8P	±0.25[.010]
16P	±0.35[.014]

surface		ASME Y14.5 ✓	tolerance	ASME Y14.5	projection	product family	TERMINAL BLOCK
litr		ecn no	dr	date	title		TERMINAL BLOCK FIXED HORIZONTAL
F		tolerances unless otherwise specified			MM [INCH]	size	
		angles	X.±0.5		scale	sheet 3 of	
		linear	X.X±0.3			20020332	
		X'±1'	X.XX±0.1			A4	
		dr	WENDY CHEN	020210	FCI		type
		enr	JASON HSU	020210			CUSTOMER Drawing
		chr	GARY HSIEH	020210			
		appd	JOSEPH HSIA	020210			
sheet index	revision sheet						