

PRODUCT NUMBER

20020004-XXXXXXLF

20020004-

PITCH

C: 3.50 mm
D: 3.81 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

PROPERTY TABLE				
FCI SERIES NAME		01-350	01-381	
PITCH (mm)		3.50	3.81	
VOLTAGE RATING (VAC)		300	300	
CURRENT RATING (A)	cULus	10	10	
	VDE	10.5	10.5	
APPLICABLE WIRE RANGE (AWG)		1-WIRE	16~26	16~26
		2-WIRE	20	20
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	1.5	1.5
		2-WIRE	0.5	0.5
	STRANDED	1-WIRE	1.5	1.5
		2-WIRE	0.75	0.75
OPENING CONTACT HOUSING(mm ²)		1.6x2.5	1.7x2.5	
WIRE STRIP LENGTH(mm)		6~7	6~7	
TORQUE +/– 10% (N-m/Lb-in)		0.23/2.0	0.23/2.0	
SCREW		M2x0.4	M2x0.4	
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	
	VDE	2.5	2.5	
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

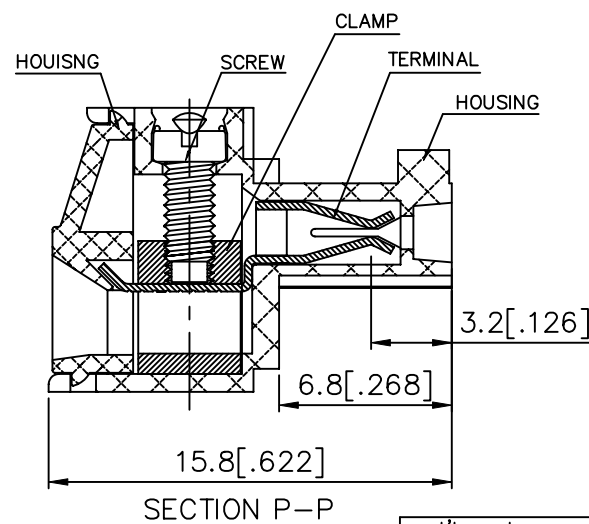
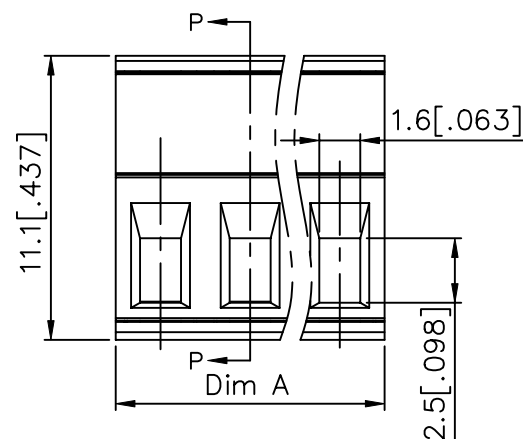
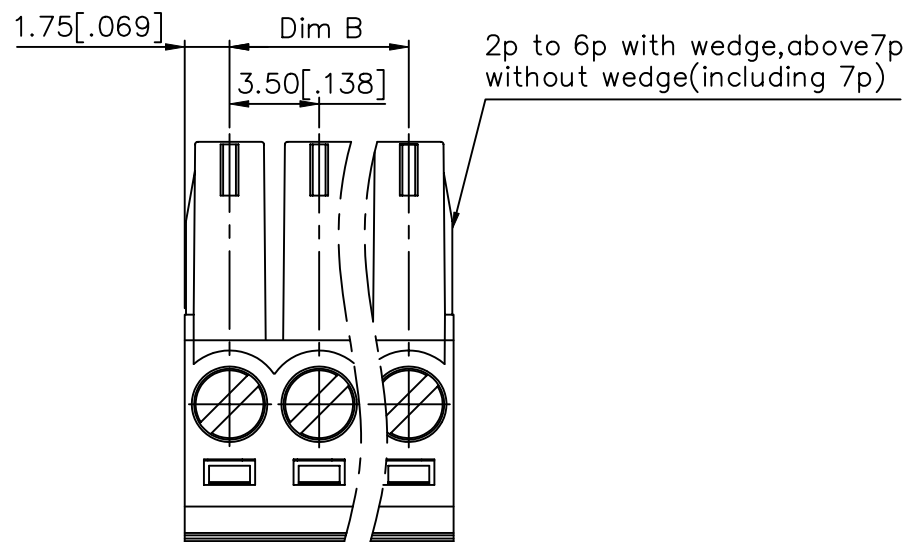
CODE	SCREW TYPE	AVAILABILITY
A	-/+ 	ON REQUEST ONLY
B	- 	STANDARD

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. 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.

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
E	T10-0127	WL	080910	angles	X.±0.5[.020]	MM	TERMINAL BLOCK
F	T10-0147	WL	091310	to	X.X±0.3[.012]	INCH	PLUGGABLE PLUG, SIGNAL, W/O FLANGE
G	T10-0159	WL	100410	±1°	X.XX±0.1[.004]	scale	CONTACT UP SIDE
H	T10-0187	WL	121410	dr	BEER FU	062509	dwg no
J	T10-0193	WL	122310	enrg	BEER FU	062509	sheet 1 of 3
K	T11-0013	WL	040811	chr	GARY HSIEH	062509	size
L	T-004746	WL	072011	appd	JOSEPH HSIA	062509	20020004
sheet	revision	L	L	L			A4
index	sheet	1	2	3			type
							CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020004-CXXXXXXLF	01-350	3.50 mm



N = Number of Poles
 Dim A = $N \times 3.5[.138]$
 Dim B = $(N-1) \times 3.5[.138]$

POLES	Dim A	Dim B
2-6p	$\pm 0.15[.006]$	
7-12p	$\pm 0.20[.008]$	
13-18p	$\pm 0.25[.010]$	
19-24p	$\pm 0.30[.012]$	

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	 scale FCI	title
L					angles X. $\pm 0.5[.020]$ X.X $\pm 0.3[.012]$ X $\pm 1^\circ$ X.XX $\pm 0.1[.004]$		TERMINAL BLOCK
							PLUGABLE, PLUG, SIGNAL, W/O FLANGE
							sheet 2 of 3 size
					dr BEER FU 062509		20020004 A4
					engr BEER FU 062509		
					chr GARY HSIEH 062509		
					appd JOSEPH HSIA 062509		
sheet index	revision	sheet					type CUSTOMER Drawing



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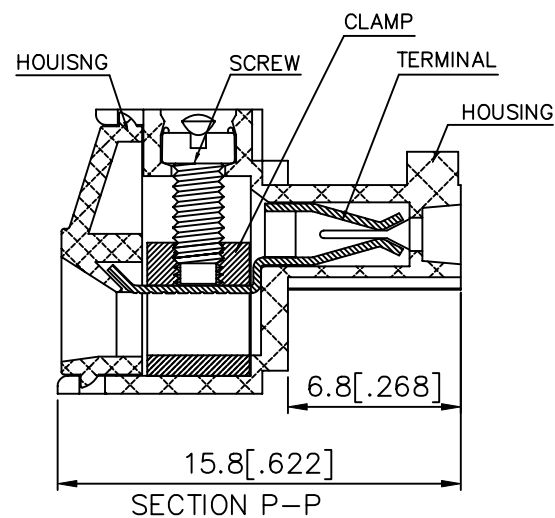
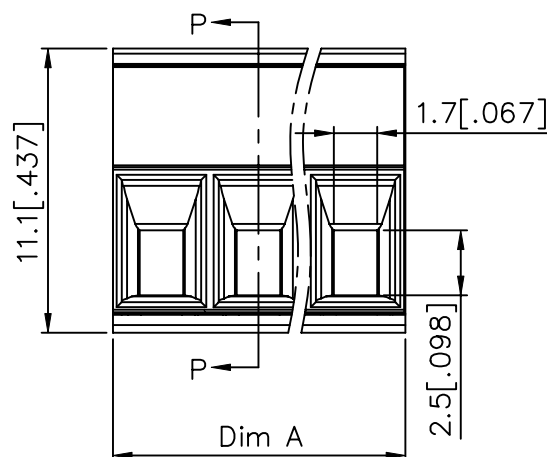
1 2

3

4

PRODUCT NUMBER	SERIES NAME	PITCH
20020004-DXXXXXXLF	01-381	3.81 mm

1.91[.075] Dim B
3.81[.150]
2p to 6p with wedge, above 7p
without wedge (including 7p)



N = Number of Poles
Dim A = $N \times 3.81[.150]$
Dim B = $(N-1) \times 3.81[.150]$

POLES	Dim A	Dim B
2-6p	$\pm 0.15[.006]$	
7-12p	$\pm 0.20[.008]$	
13-18p	$\pm 0.25[.010]$	
19-24p	$\pm 0.30[.012]$	

mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	date			title
L							TERMINAL BLOCK
				angles	X. $\pm 0.5[.020]$		PLUGABLE, PLUG, SIGNAL, W/O FLANGE
				tolerances unless otherwise specified	X.X $\pm 0.3[.012]$		sheet 3 of 3 size
				X* $\pm 1^\circ$	X.XX $\pm 0.1[.004]$	scale	20020004 A4
				dr	BEER FU 062509	FCI	type
				enr	BEER FU 062509		CUSTOMER Drawing
				chr	GARY HSIEH 062509		
				appd	JOSEPH HSIA 062509		
sheet index	revision	sheet					