



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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PRODUCT NUMBER  
20020705-XXXXXXLF

20020705-□ □ □ □ □ □ □ L F


PITCH  
J: 6.35 mm  
M: 7.62 mm  
S: 9.52 mm

POLES  
02: 2 POLES  
03: 3 POLES

LF : DENOTED RoHS COMPATIBLE



1 : STANDARD PRODUCT  
W/ BOX PACKING

SCREW CODE

PROPERTY TABLE					
FCI SERIES NAME		12-635	12-762	12-952	
PITCH (mm)		6.35	7.62	9.52	
VOLTAGE RATING (VAC)		300	300	300	
CURRENT RATING (A)		30	30	30	
APPLICABLE WIRE RANGE (AWG)		10~24	10~24	10~24	
WIRE CROSS SECTION (mm <sup>2</sup> )	SOLID	1-WIRE	6.0	6.0	6.0
		2-WIRE	1.5	1.5	1.5
	STRANDED	1-WIRE	4.0	4.0	4.0
		2-WIRE	1.5	1.5	1.5
OPENING CONTACT HOUSING(mm <sup>2</sup> )		3.4x3.5	3.4x3.5	3.4x3.5	
WIRE STRIP LENGTH(mm)		6~7	6~7	6~7	
TORQUE +/-10% (N-M/Lb-in)		0.8/6.9	0.8/6.9	0.8/6.9	
SCREW		M3.5x0.5	M3.5x0.5	M3.5x0.5	
WITHSTANDING VOLTAGE (kV)		1.6	1.6	1.6	
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115	
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)	
POLES AVAILABLE		02~03	02~03	02~03	
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

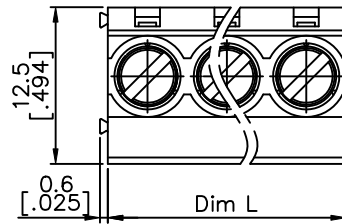
NOTES:

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. 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.
6. RECOMMENDED SOLDERING PROCESS BY WAVE SOLDER.

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family		
itr				tolerances unless otherwise specified			TERMINAL BLOCK		
D	T10-0029	JH	012710		X.±0.5		title		
E	T10-0042	WL	030310		X.X±0.3		MM	TERMINAL BLOCK FIXED POWER PLUG, HORIZONTAL WIRE INLET	
F	T10-0143	WL	090610		X'±1"	X.XX±0.1	INCH		
G	T10-0161	WL	101210	dr	BEER FU	062509	scale		
H	T11-0001	WL	011111	enr	BEER FU	062509	dwg no		
J	T-004746	WL	072211	chr	GARY HSIEH	062509	sheet 1 of 4		
K	T-006066	WL	091911	appd	JOSEPH HSIA	062509	size		
							FCI	20020705	A4
							type	CUSTOMER Drawing	
sheet	revision	K	K	K	K				
index	sheet	1	2	3	4				

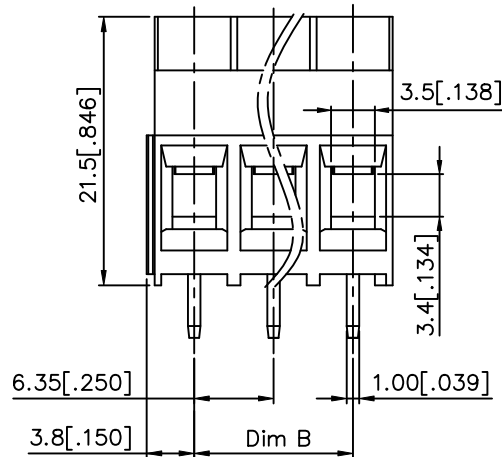
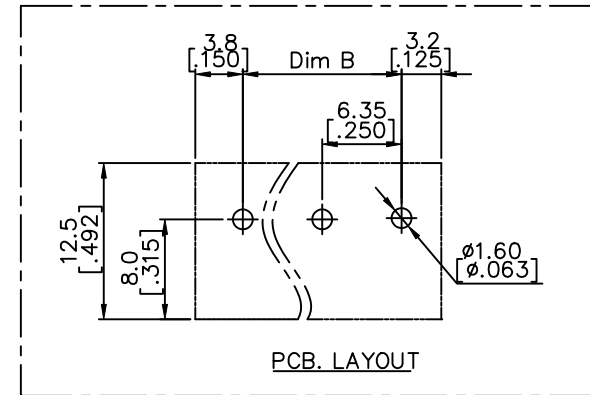
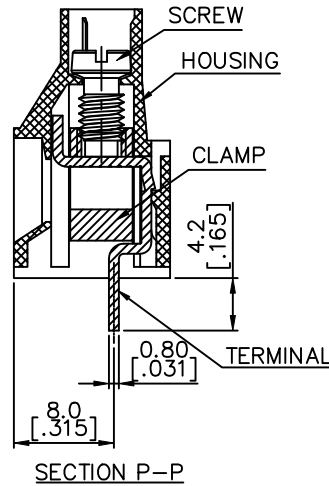
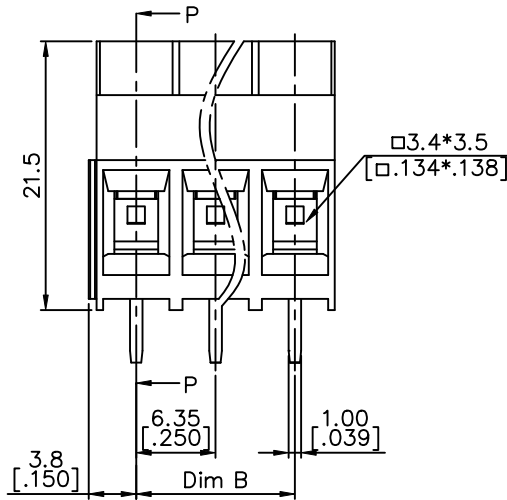


PRODUCT NUMBER	SERIES NAME	PITCH
20020705-JXXXXXXLF	12-635	6.35 mm



N = Number of poles  
 Dim L = N x 6.35 [.250]  
 Dim B = (N - 1) x 6.35 [.250]

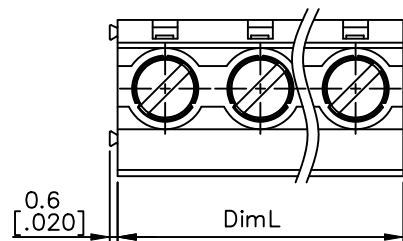
Poles	Tolerance
2-3p	±0.15 [.006]



mat'l. code		surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title	
K				TERMINAL BLOCK FIXED POWER PLUG, HORIZONTAL WIRE INLET	
		angles	inlet X.±0.5 [.020] X.X±0.3 [.012] X'±1' X.XX±0.1 [.004]	MM INCH	scale
		dr	WENDY CHEN 090610	dwg no 20020705 sheet 2 of 4 size A4	
		enr	JASON HSU 090610	type CUSTOMER Drawing	
		chr	GARY HSIEH 090610		
		appd	JOSEPH HSIA 090610		
sheet index	revision sheet				

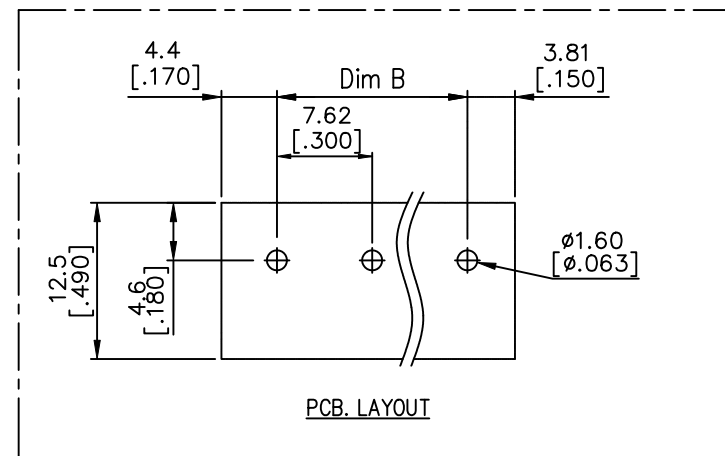
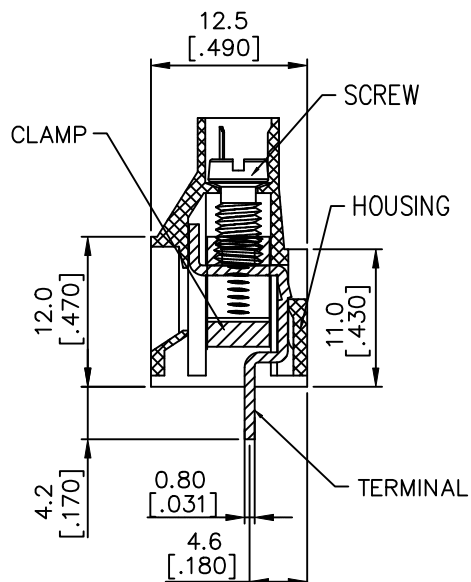
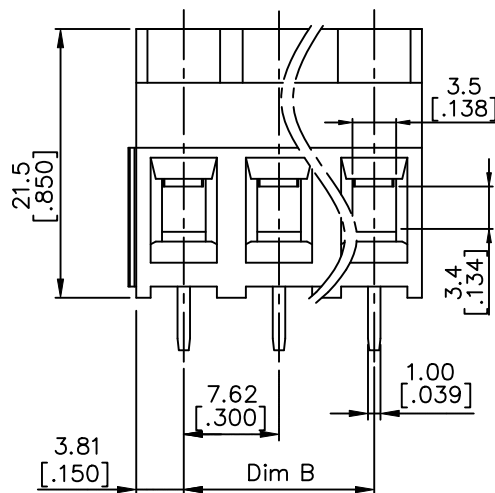


PRODUCT NUMBER	SERIES NAME	PITCH
20020705-MXXXXXL	12-762	7.62 mm



N = Number of poles  
 Dim L =  $N \times 7.62 [ .300 ]$   
 Dim B =  $(N - 1) \times 7.62 [ .300 ]$

Poles	Tolerance
2-3p	$\pm 0.15 [ .006 ]$



mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title	
tolerances unless otherwise specified				 scale	TERMINAL BLOCK FIXED POWER PLUG, HORIZONTAL WIRE INLET
angles		$X \pm 0.5 [ .020 ]$ $X.X \pm 0.3 [ .012 ]$ $X^{\circ} \pm 1'$			
dr		BEER FU	062509		
enr		BEER FU	062509	20020705 A4	
chr		GARY HSIEH	062509	type	
appd		JOSEPH HSIA	062509	CUSTOMER Drawing	
sheet index	revision sheet				

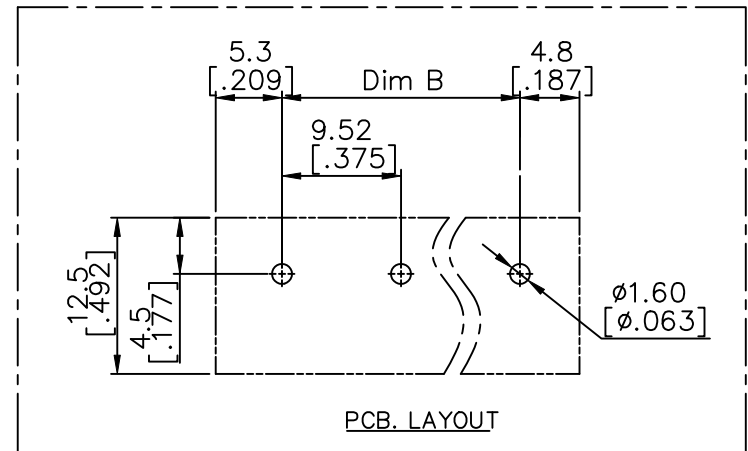
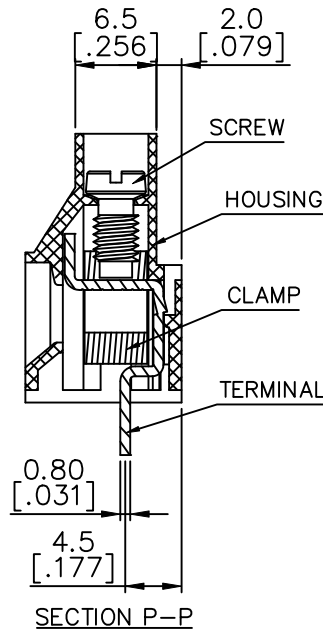
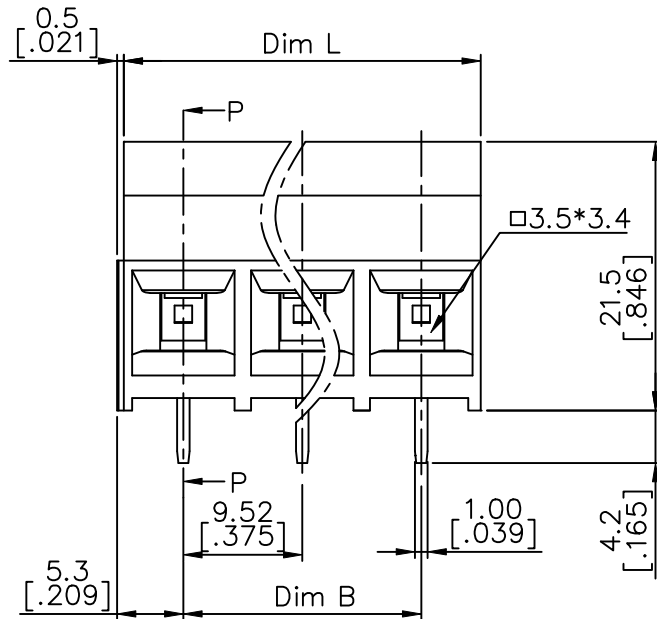
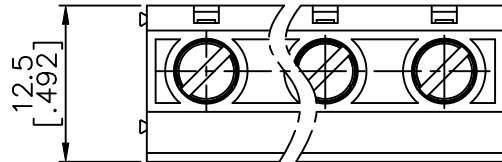


PRODUCT NUMBER	SERIES NAME	PITCH
20020705-SXXXXXLF	12-952	9.52 mm

N=Number of poles

Dim L	N*9.52 [.375]
Dim B	(N-1)*9.52 [.375]

Poles	Tolerance
2p-3p	±0.15 [.006]



mat'l. code		surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection [Symbol]	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title	
tolerances unless otherwise specified				MM [Symbol]	TERMINAL BLOCK FIXED POWER PLUG, HORIZONTAL WIRE INLET
angles		X.±0.5 [.020] X.X±0.3 [.012] X'±1' X.XX±0.1 [.004]		scale	
sheet index		revision sheet		dwg no 20020705 sheet 4 of 4 size A4	
				type CUSTOMER Drawing	