

PRODUCT NUMBER	
20020106-XXXXXXLF	

20020106- A 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

PROPERTY TABLE		
FCI SERIES NAME	06-500	06-508
PITCH (mm)	5.00	5.08
VOLTAGE RATING (VAC)	300	300
CURRENT RATING (A)	12	12
WITHSTANDING VOLTAGE (kV)	1.6	1.6
OPERATING TEMP. (°C)	-40~+115	-40~+115
SOLDERING TEMP. (°C) (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
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

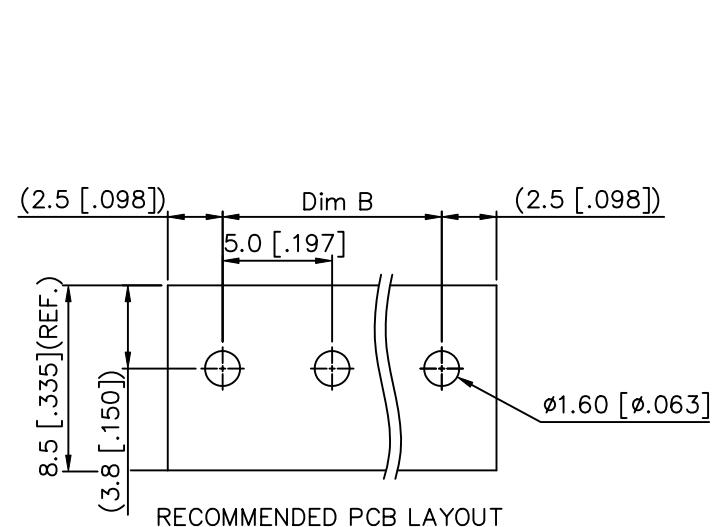
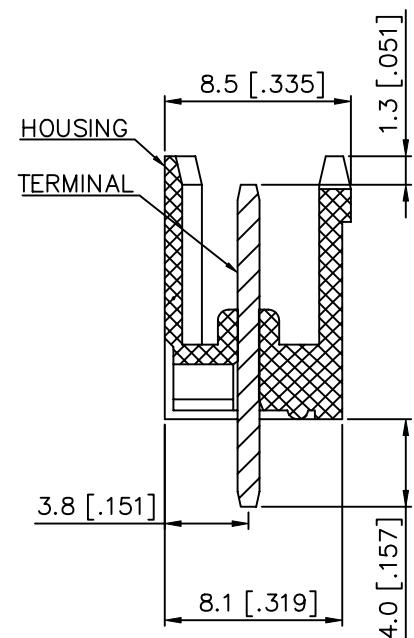
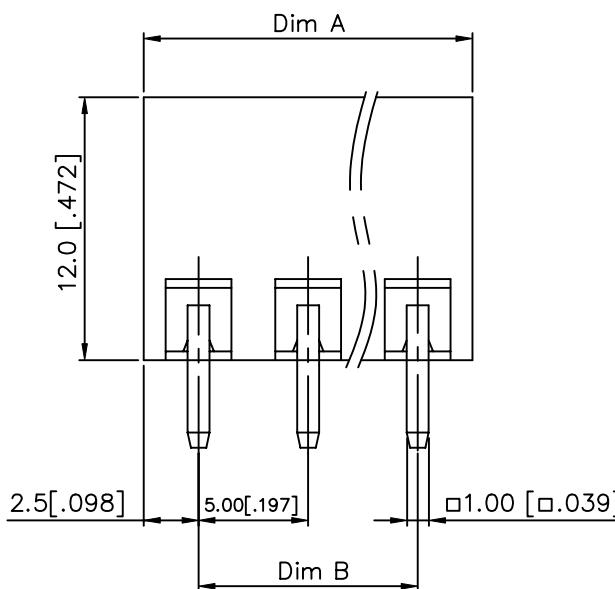
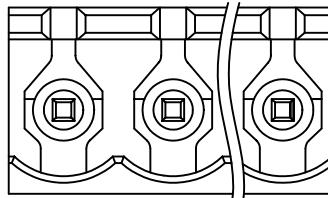
NOTES:

1. MATERIALS
 - 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED,
 - 1-2 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. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			TERMINAL BLOCK
A	T10-0099	WL	070110	ASME Y14.5 ✓	ASME Y14.5		
B	T10-0161	WL	101210	angles 	X.±0.5	MM	
				X.±1°	X.X±0.3		
				X.±1°	X.XX±0.1	scale	
				dr	WENDY CHEN 062210		
				engr	JASON HSU 062210		
				chr	GARY HSIEH 062210		
				appd	JOSEPH HSIA 062210		
sheet	revision	B	B	B			
index	sheet	1	2	3			



PRODUCT NUMBER	SERIES NAME	PITCH
20020106-GXXXXXXLF	06-500	5.00 mm



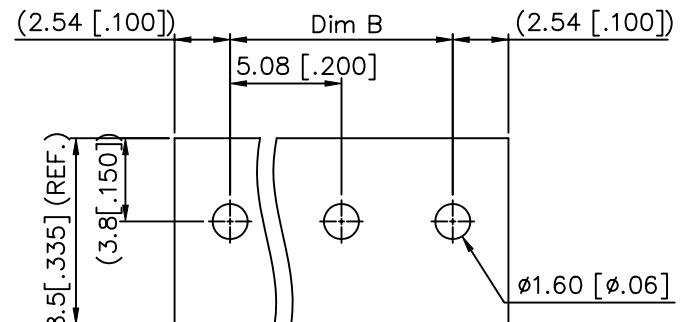
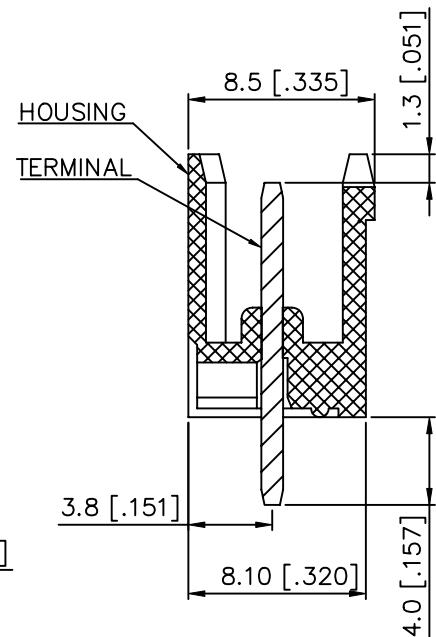
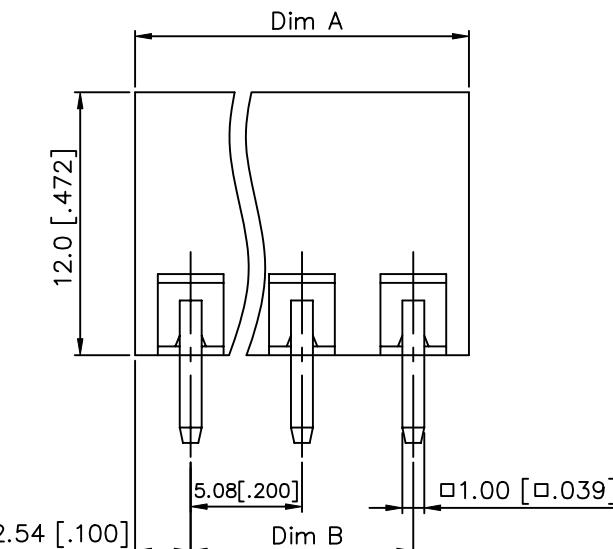
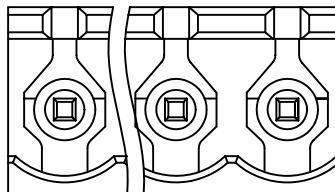
RECOMMENDED PCB LAYOUT

POLE	2	3	4	5	6	7	8	
DIM.A	10.0 [.394]	15.0 [.590]	20.0 [.787]	25.0 [.984]	30.0 [1.181]	35.0 [1.377]	40.0 [1.574]	
DIM.B	5.0 [.196]	10.0 [.394]	15.0 [.590]	20.0 [.787]	25.0 [.984]	30.0 [1.181]	35.0 [1.377]	
Tol.	±0.15 [.006]						±0.25 [.010]	
POLE	9	10	11	12	13	14	15	
DIM.A	45.0 [1.771]	50.0 [1.968]	55.0 [2.165]	60.0 [2.362]	65.0 [2.559]	70.0 [2.755]	75.0 [2.952]	
DIM.B	40.0 [1.574]	45.0 [1.771]	50.0 [1.968]	55.0 [2.165]	60.0 [2.362]	65.0 [2.559]	70.0 [2.755]	
Tol.	±0.25 [.010]				±0.30 [.012]			
POLE	17	18	19	20	21	22	23	
DIM.A	85.0 [3.346]	90.0 [3.543]	95.0 [3.74"]	100.0 [3.937]	105.0 [4.133]	110.0 [4.330]	115.0 [4.527]	
DIM.B	80.0 [3.149]	85.0 [3.346]	90.0 [3.543]	95.0 [3.74]	100.0 [3.937]	105.0 [4.133]	110.0 [4.330]	
Tol.	±0.30 [.012]				±0.40 [.016]			

mat'l. code				surface		tolerance	projection	product family
ltr	ecn	no	dr	date	tolerances unless otherwise specified	ASME Y14.5	ASME Y14.5	TERMINAL BLOCK
B					angles	X.±0.5	MM	title
					X.X±0.3			TERMINAL BLOCK
					X'X±1"	X.XX±0.1	scale	PLUGGABLE SIGNAL, SOCKET, STRAIGHT
								2 WALLS
					dr	WENDY CHEN	062210	dwg no
					engr	JASON HSU	062210	sheet 2 of 3
					chr	GARY HSIEH	062210	size
					appd	JOSEPH HSIA	062210	20020106
					sheet	revision		A4
					index			
					sheet			



PRODUCT NUMBER	SERIES NAME	PITCH
20020106-HXXXXXXLF	06-508	5.08 mm



RECOMMENDED PCB LAYOUT

POLE	2	3	4	5	6	7	8
DIM.A	10.16 [.400]	15.24 [.600]	20.32 [.800]	25.4 [1.000]	30.48 [1.200]	35.56 [1.400]	40.64 [1.600]
DIM.B	5.08 [.200]	10.16 [.400]	15.24 [.600]	20.32 [.800]	25.4 [1.000]	30.48 [1.200]	35.56 [1.400]
Tol.	±0.15 [.006]						±0.25 [.010]
POLE	9	10	11	12	13	14	15
DIM.A	45.72 [1.800]	50.8 [2.000]	55.88 [2.200]	60.96 [2.400]	66.04 [2.600]	71.12 [2.800]	76.2 [3.000]
DIM.B	40.64 [1.600]	45.72 [1.800]	50.8 [2.000]	55.88 [2.200]	60.96 [2.400]	66.04 [2.600]	71.12 [2.800]
Tol.	±0.25 [.010]					±0.30 [.012]	
POLE	17	18	19	20	21	22	23
DIM.A	86.36 [3.400]	91.44 [3.600]	96.52 [3.800]	101.6 [4.000]	106.68 [4.200]	111.76 [4.400]	116.84 [4.600]
DIM.B	81.28 [3.200]	86.36 [3.400]	91.44 [3.600]	96.52 [3.800]	101.6 [4.000]	106.68 [4.200]	111.76 [4.400]
Tol.	±0.30 [.012]				±0.40 [.016]		

mat'l. code				surface tolerance ASME Y14.5		projection	product family
ltr	ecn	no	dr	date	tolerances unless otherwise specified		
B					angles X.±0.5	MM	TERMINAL BLOCK
					X.X±0.3	[INCH]	title
					X'±1"	X.XX±0.1	TERMINAL BLOCK
					dr	WENDY CHEN 062210	PLUGGABLE SIGNAL, SOCKET, STRAIGHT
					engr	JASON HSU 062210	2 WALLS
					chr	GARY HSIEH 062210	
					appd	JOSEPH HSIA 062210	
					sheet		
					index		