



PRODUCT NUMBER

20020130-XXXXXXLF

20020130-□□□□□△○□□LF

PITCH

C: 3.50 mm
D: 3.81 mm
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

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

PROPERTY TABLE

FCI SERIES NAME		30-350	30-381	30-500	30-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)	cULus	8	8	15	15
	VDE	10	10	NA	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6
	VDE	2.5	2.5	NA	NA
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115	-40~+115
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE		02~24	02~24	02~24	02~24
SAFETY CERTIFICATE					

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. 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.

6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
				tolerances unless otherwise specified			TERMINAL BLOCK
ltr	ecn no	dr	date	angles to face	X.±0.5		title
A	T10-0099	WL	070110		X.X±0.3		TERMINAL BLOCK
B	T10-0161	WL	101210		X.XX±0.1		PLUGGABLE SIGNAL, SOCKET 45° ANGLE
C	T11-0013	WL	040811			scale	dwg no
				dr	WENDY CHEN	062310	sheet 1 of 5
				enrg	JASON HSU	062310	size
				chr	GARY HSIEH	062310	20020130
				appd	JOSEPH HSIA	062310	A4
sheet	revision	C	C	C	C		type
index	sheet	1	2	3	4	5	CUSTOMER Drawing

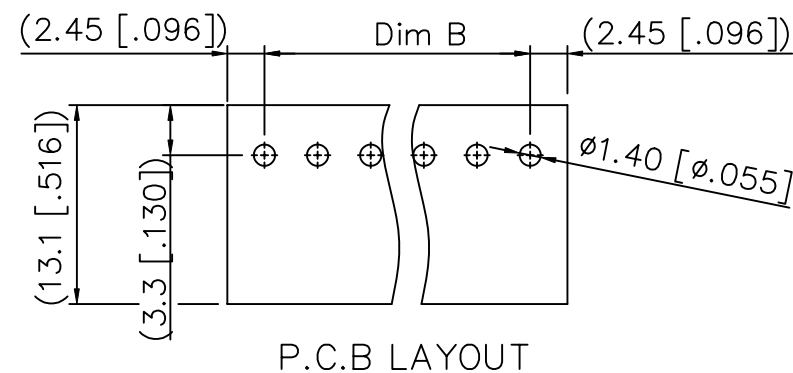
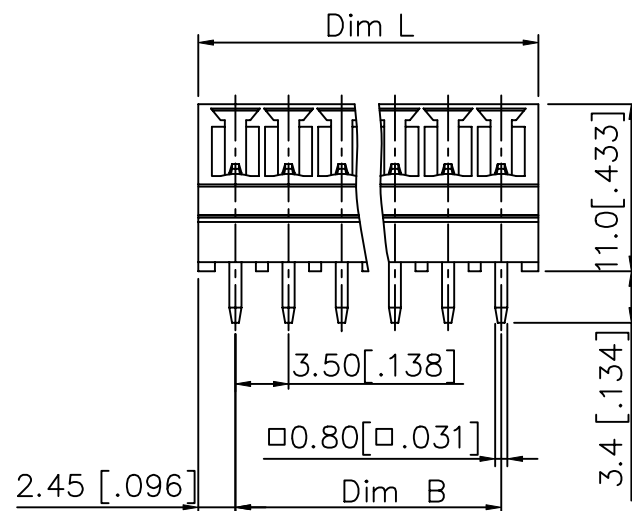
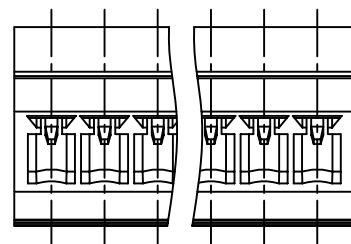


1 | 2

3 |

4

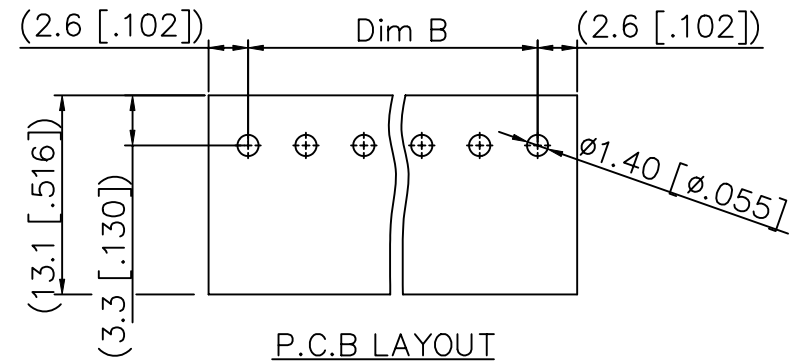
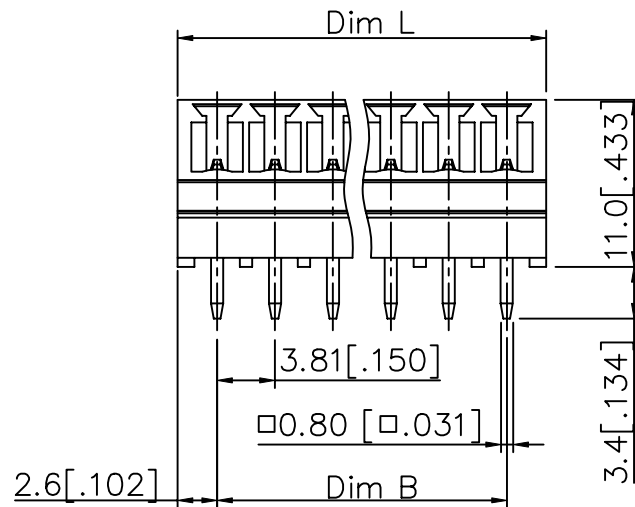
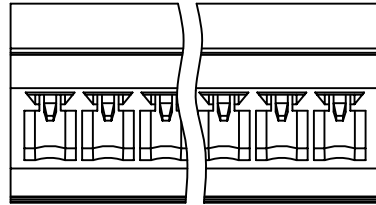
PRODUCT NUMBER	SERIES NAME	PITCH
20020130-CXXXXXXLF	30-350	3.50 mm



POLE		2	3	4	5	6	7	8
DIM.L		8.4[.331]	11.9[.468]	15.4[.606]	18.9[.744]	22.4[.881]	25.9[1.019]	29.4[1.157]
DIM.B		3.50[.138]	7.00[.276]	10.50[.413]	14.00[.551]	17.50[.689]	21.00[.827]	24.50[.965]
Tol.		±0.10[.004]				±0.15[.006]		
POLE	9	10	11	12	13	14	15	16
DIM.L	32.9[1.295]	36.4[1.433]	39.9[1.571]	43.4[1.708]	46.9[1.846]	50.4[1.984]	53.9[2.122]	57.4[2.259]
DIM.B	28.00[1.102]	31.50[1.240]	35.00[1.378]	38.50[1.516]	42.00[1.654]	45.5[1.791]	49.0[1.929]	52.50[2.067]
Tol.	±0.20[.008]				±0.25[.010]			
POLE	17	18	19	20	21	22	23	24
DIM.L	60.9[2.397]	64.4[2.535]	67.9[2.673]	71.4[2.811]	74.9[2.948]	78.4[3.086]	81.9[3.224]	85.4[3.362]
DIM.B	56.00[2.205]	59.50[2.342]	63.00[2.480]	66.50[2.618]	70.00[2.756]	73.50[2.894]	77.00[3.031]	80.50[3.169]
Tol.	±0.25[.010]		±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	tolerances unless otherwise specified		title			
c					angles	X±0.5	TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET 45° ANGLE			
					X*±1°	X.XX±0.1				
					dr	WENDY CHEN 062310	dwg no			
					enr	JASON HSU 062310	sheet 2 of 5			
					chr	GARY HSIEH 062310	20020130			
					appd	JOSEPH HSIA 062310	A4			
sheet index	revision	sheet					type			
							CUSTOMER Drawing			

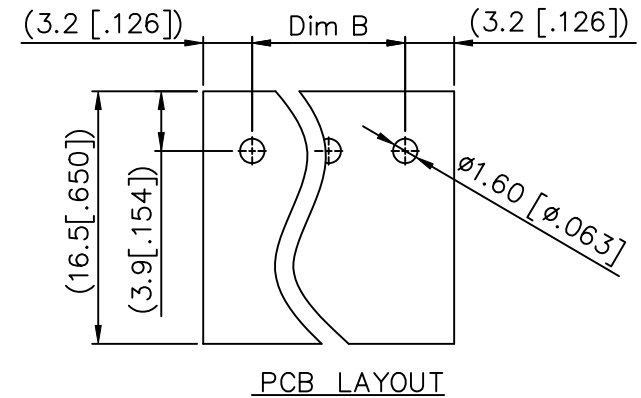
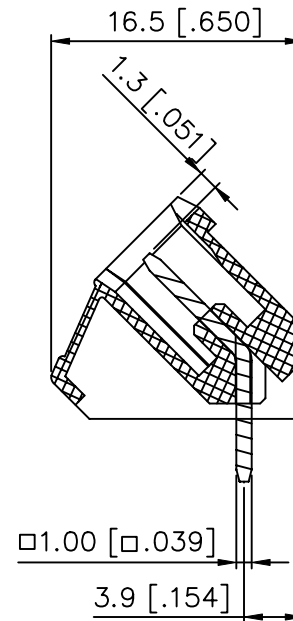
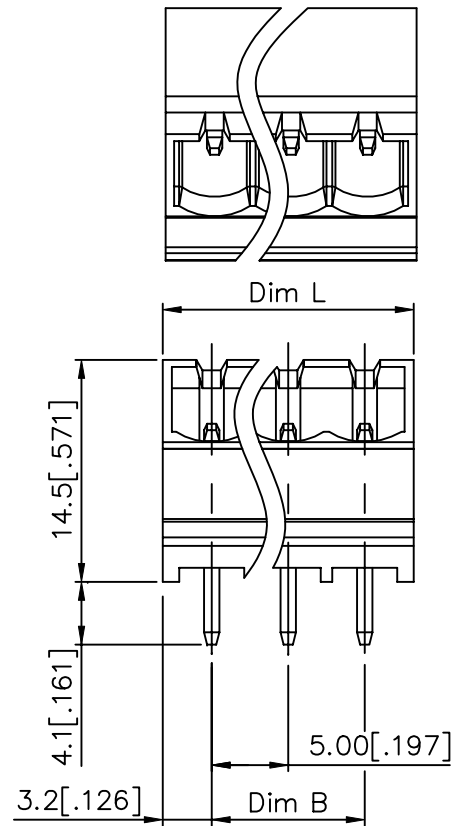
PRODUCT NUMBER	SERIES NAME	PITCH
20020130-DXXXXXXLF	30-381	3.81 mm



POLE		2	3	4	5	6	7	8
Dim.L		9.01[.300]	12.82[.450]	16.63[.600]	20.44[.750]	24.25[.900]	28.06[1.050]	31.87[1.200]
Dim.B		3.81[.150]	7.62[.300]	11.43[.450]	15.24[.600]	19.05[.750]	22.86[.900]	26.67[1.050]
Tol.		±0.10[.004]		±0.15[.006]				±0.20[.008]
POLE	9	10	11	12	13	14	15	16
Dim.L	35.68[1.350]	39.49[1.500]	43.3[1.650]	47.11[1.800]	50.92[1.950]	54.73[2.100]	58.54[2.250]	62.35[2.400]
Dim.B	30.48[1.200]	34.29[1.350]	38.10[1.500]	41.91[1.650]	45.72[1.800]	49.53[1.950]	53.34[2.100]	57.15[2.250]
Tol.	±0.20[.008]				±0.25[.010]			
POLE	17	18	19	20	21	22	23	24
Dim.L	66.16[2.550]	69.97[2.700]	73.78[2.850]	77.59[3.000]	81.4[3.150]	85.21[3.300]	89.02[3.450]	92.83[3.600]
Dim.B	60.96[2.400]	64.77[2.550]	68.58[2.700]	72.39[2.850]	76.20[3.000]	80.01[3.150]	83.82[3.300]	
Tol.	±0.25[.010]	±0.30[.012]						

mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK			
litr	ecn no	dr	date	tolerances unless otherwise specified		FCI	title			
c				angles	X.±0.5		TERMINAL BLOCK			
				X°±1°	X.X±0.3		PLUGGABLE SIGNAL, SOCKET 45° ANGLE			
					X.XX±0.1		scale			
				dr	WENDY CHEN 062310	FCI	dwg no		sheet 3 of 5	size
				enrg	JASON HSU 062310		20020130			A4
				chr	GARY HSIEH 062310					
				appd	JOSEPH HSIA 062310		type		CUSTOMER Drawing	
sheet index	revision sheet									

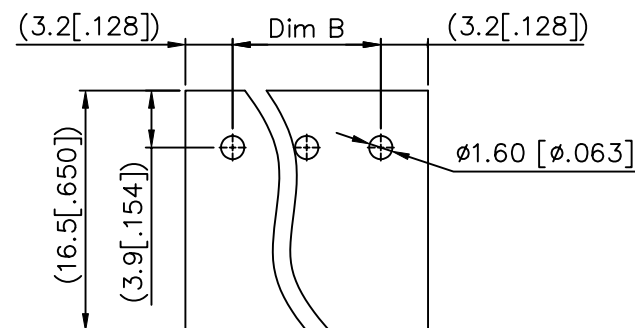
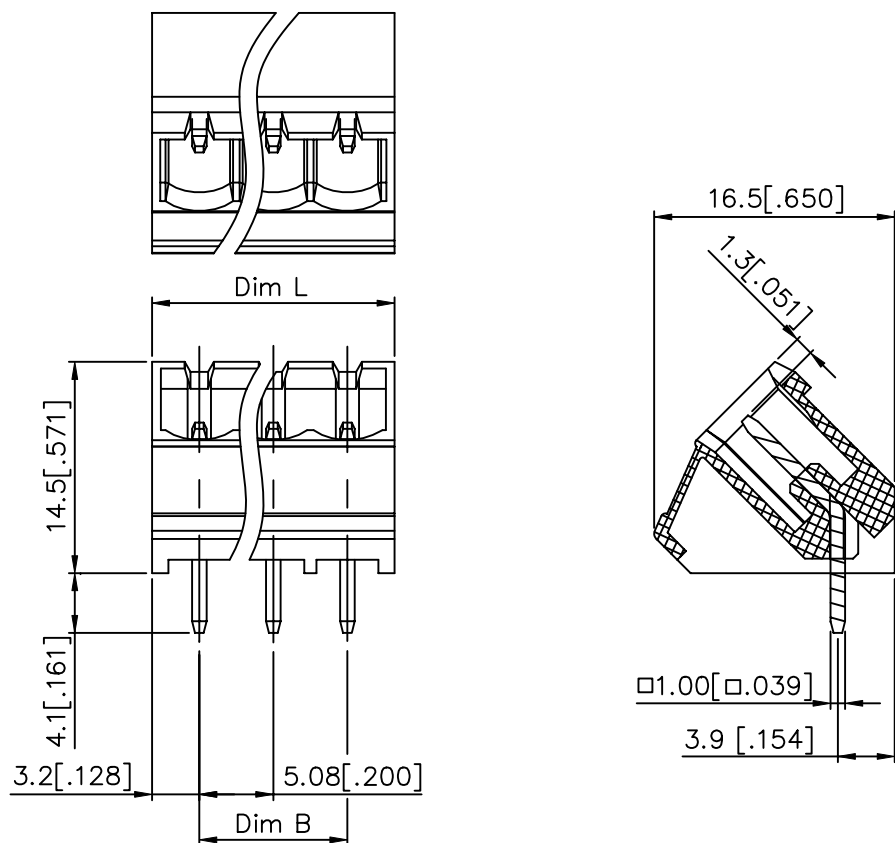
PRODUCT NUMBER	SERIES NAME	PITCH
20020130-GXXXXXXLF	30-500	5.00 mm



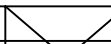
POLE		2	3	4	5	6	7	8
DIM.L		11.4[.449]	16.4[.645]	21.4[.842]	26.4[1.039]	31.4[1.236]	36.4[1.433]	41.4[1.630]
DIM.B		5.0[.196]	10.0[.394]	15.0[.590]	20.0[.787]	25.0[.984]	30.0[1.181]	35.0[1.377]
Tol.		±0.15[.006]						±0.25[.010]
POLE	9	10	11	12	13	14	15	16
DIM.L	46.4[1.827]	51.4[2.024]	56.4[2.220]	61.4[2.417]	66.4[2.614]	71.4[2.811]	76.4[3.008]	81.4[3.205]
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]	75.0[2.952]
Tol.	±0.25[.010]				±0.30[.012]			
POLE	17	18	19	20	21	22	23	24
DIM.L	86.4[3.402]	91.4[3.598]	96.4[3.795]	101.4[3.992]	106.4[4.189]	111.4[4.386]	116.4[4.583]	121.4[4.780]
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]	115.0[4.527]
Tol.	±0.30[.012]		±0.40[.016]					

mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
c				angles X°±1°	X.±0.5 X.X±0.3 X.XX±0.1	scale	TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET 45° ANGLE
				dr	WENDY CHEN	062310	dwg no
				enr	JASON HSU	062310	sheet 4 of 5
				chr	GARY HSIEH	062310	size
				appd	JOSEPH HSIA	062310	A4
sheet index	revision sheet						type
							CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020130-HXXXXXXLF	30-508	5.08 mm



PCB LAYOUT

POLE		2	3	4	5	6	7	8
DIM.L		11.56[.455]	16.64[.655]	21.72[.855]	26.8[1.055]	31.88[1.255]	36.96[1.455]	42.04[1.655]
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]						
POLE	9	10	11	12	13	14	15	16
DIM.L	47.12[1.855]	52.2[2.055]	57.28[2.255]	62.36[2.455]	67.44[2.655]	72.52[2.855]	77.6[3.055]	82.68[3.255]
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]	76.2[3.000]
Tol.	±0.25[.010]				±0.30[.012]			
POLE	17	18	19	20	21	22	23	24
DIM.L	87.76[3.455]	92.84[3.655]	97.92[3.855]	103.0[4.055]	108.08[4.255]	113.16[4.455]	118.24[4.655]	123.32[4.855]
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]	116.84[4.600]
Tol.	±0.30[.012]		±0.40[.016]					

mat'l. code				surface ASME Y14.5		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK							
litr		ecn no		dr		date		tolerances unless otherwise specified		title							
c								angles		linea		X.±0.5					
								X.X±0.3		MM		TERMINAL BLOCK					
								X°±1°		[INCH]		PLUGGABLE SIGNAL, SOCKET 45° ANGLE					
								X.XX±0.1		scale							
				dr		WENDY CHEN		062310				dwg no		sheet 5 of 5		size	
				engr		JASON HSU		062310				20020130		A4			
				chr		GARY HSIEH		062310									
				appd		JOSEPH HSIA		062310									
sheet index		revision sheet															