

PRODUCT NUMBER

20020130-XXXXXXLF

20020130-□□□□A□□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 TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	T10-0099	WL	070110	angles	X.±0.5	MM	TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET 45° ANGLE
B	T10-0161	WL	101210	to 1°	X.X±0.3	[INCH]	
C	T11-0013	WL	040811	X°±1°	X.XX±0.1	scale	dwg no
				dr	WENDY CHEN	062310	sheet 1 of 5
				engr	JASON HSU	062310	size
				chr	GARY HSIEH	062310	20020130
				appd	JOSEPH HSIA	062310	A4
sheet index	revision	C	C	C	C		type
	sheet	1	2	3	4	5	CUSTOMER Drawing

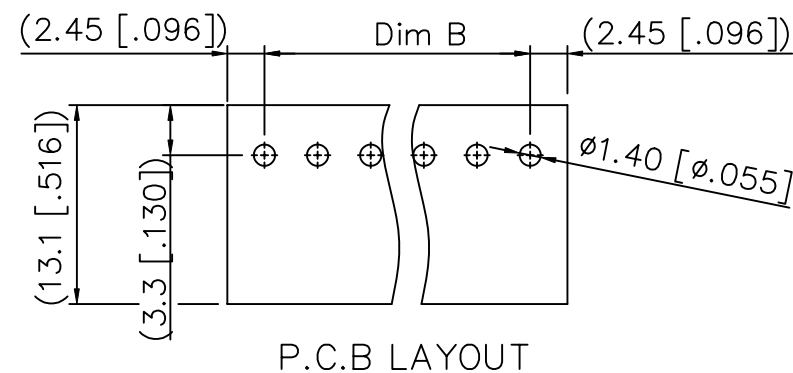
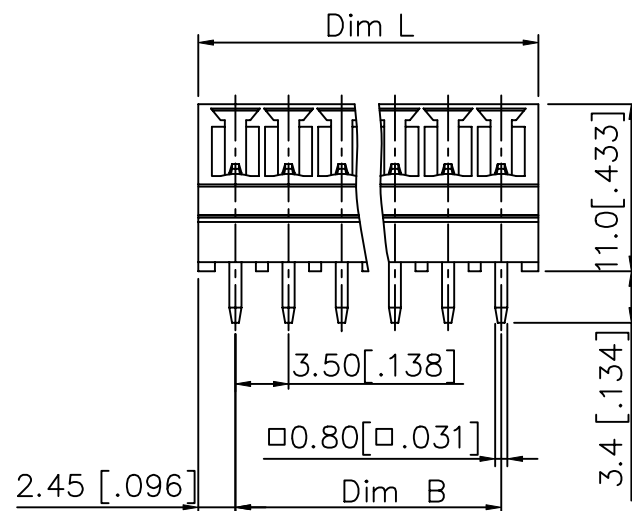
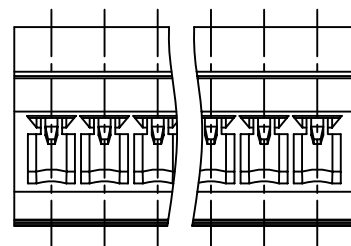


1 | 2

3 |

4

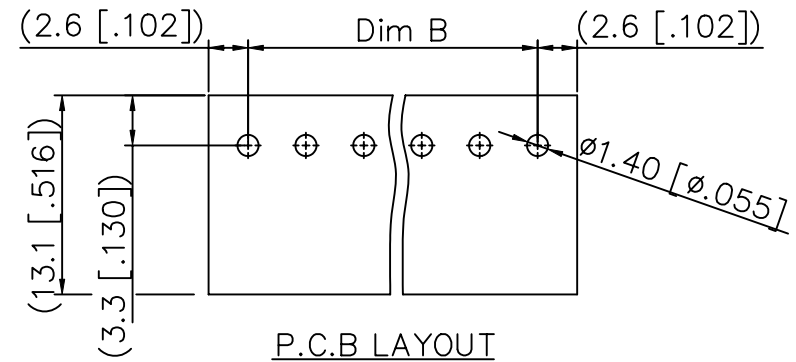
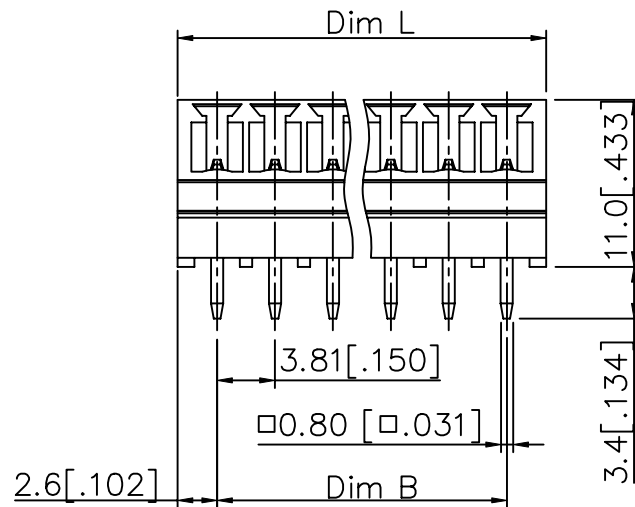
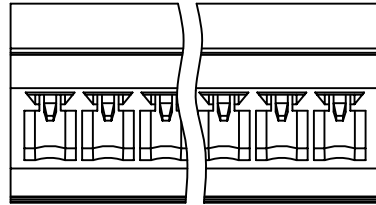
PRODUCT NUMBER	SERIES NAME	PITCH
20020130-CXXXXXXLF	30-350	3.50 mm



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±1°		TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET 45° ANGLE
					dr	WENDY CHEN 062310	dwg no
					enr	JASON HSU 062310	sheet 2 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-DXXXXXXLF	30-381	3.81 mm

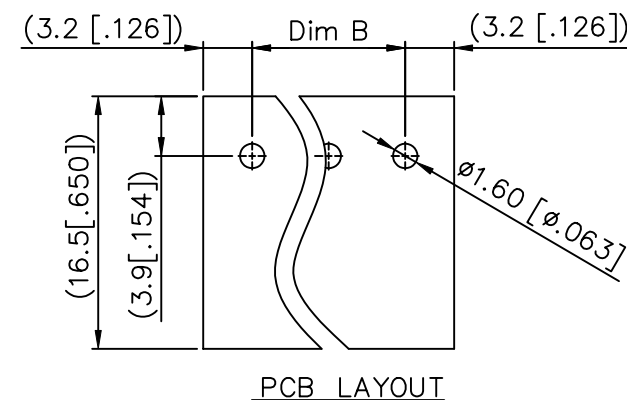
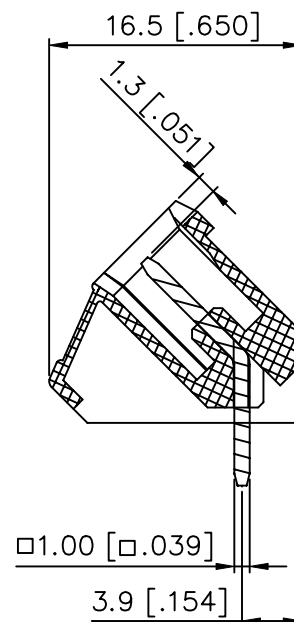
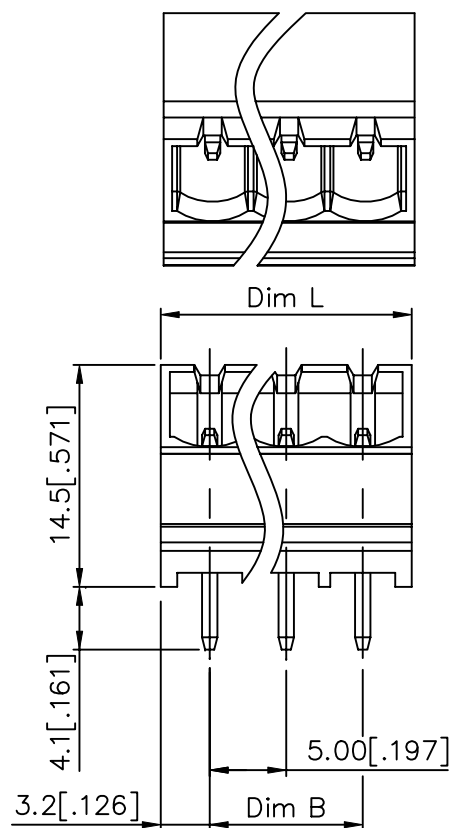


POLE		2	3	4	5	6	7	8
Dim.L		9.01[.300]	12.82[.450]	16.63[.600]	20.44[.750]	24.25[.900]	28.06[1.050]	31.87[1.200]
Dim.B		3.81[.150]	7.62[.300]	11.43[.450]	15.24[.600]	19.05[.750]	22.86[.900]	26.67[1.050]
Tol.		±0.10[.004]		±0.15[.006]				±0.20[.008]
POLE	9	10	11	12	13	14	15	16
Dim.L	35.68[1.350]	39.49[1.500]	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	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
c				angles	X.±0.5		TERMINAL BLOCK
				radius	X.X±0.3	MM [INCH]	PLUGGABLE SIGNAL, SOCKET 45° ANGLE
				X°±1°	X.XX±0.1	scale	dwg no
				dr	WENDY CHEN 062310		sheet 3 of 5
				enr	JASON HSU 062310		size
				chr	GARY HSIEH 062310		20020130
				appd	JOSEPH HSIA 062310		A4
sheet index	revision	sheet					type
							CUSTOMER Drawing



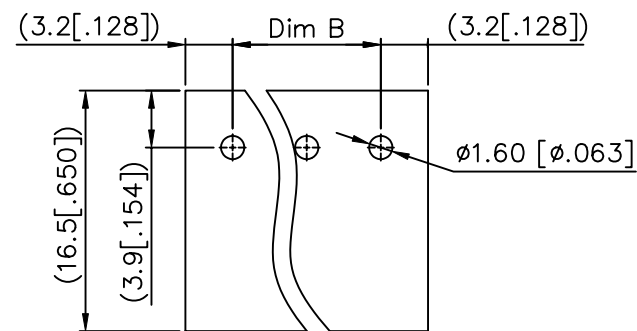
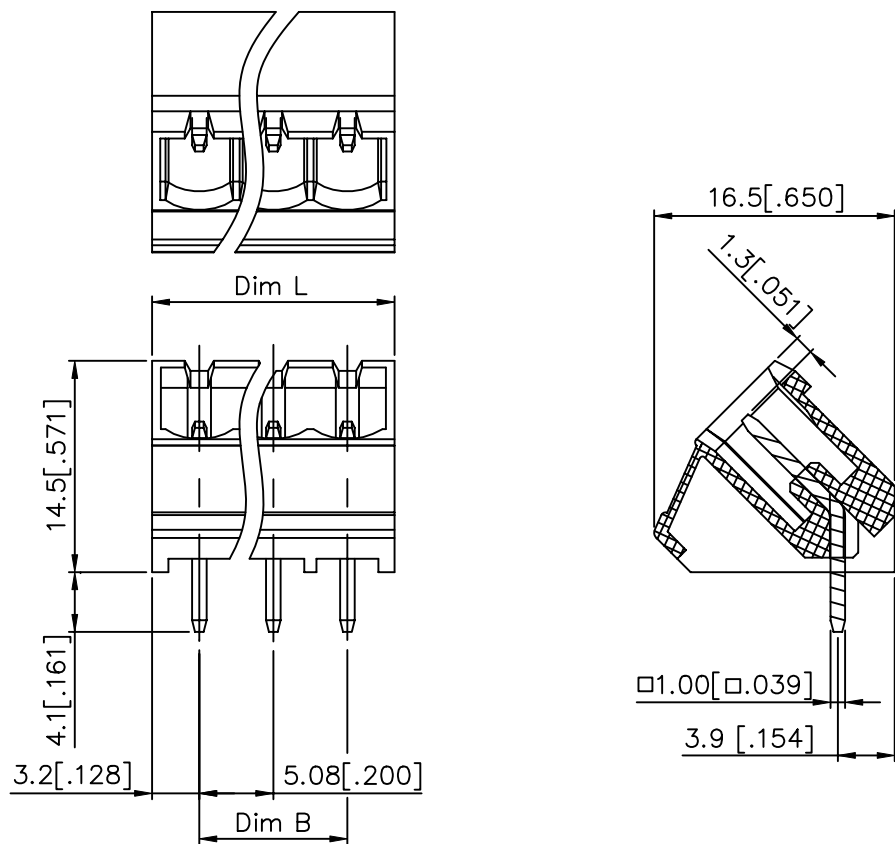
PRODUCT NUMBER	SERIES NAME	PITCH
20020130-GXXXXXXLF	30-500	5.00 mm



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	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM [INCH]	title
c				angles	X.±0.5 X.X±0.3		TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET 45° ANGLE
				X°±1°	X.XX±0.1	scale	dwg no
				dr	WENDY CHEN	062310	sheet 4 of 5
				engr	JASON HSU	062310	size
				chr	GARY HSIEH	062310	20020130
				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]							±0.25[.010]
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
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
c				angles	X.±0.5	MM [INCH]	TERMINAL BLOCK
				to face	X.X±0.3		PLUGGABLE SIGNAL, SOCKET 45° ANGLE
				X°±1°	X.XX±0.1	scale	dwg no
				dr	WENDY CHEN	062310	sheet 5 of 5
				enr	JASON HSU	062310	size
				chr	GARY HSIEH	062310	20020130
				appd	JOSEPH HSIA	062310	A4
sheet index	revision	sheet					type
							CUSTOMER Drawing