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PRODUCT NUMBER
20020131-XXXXXXLF

20020131 - □ □ □ □ A 0 □ L F

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

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	15	15
	VDE	10	10	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6
	VDE	2.5	2.5	NA
OPERATING TEMP. (°C)	-40~+115	-40~+115	-40~+115	-40~+115
SOLDERING TEMP. (°C)	250±10	250±10	250±10	250±10
	(5 sec.)	(5 sec.)	(5 sec.)	(5 sec.)
POLES AVAILABLE	02~24	02~24	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:

MATERIALS

- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-2 TERMINAL: COPPER ALLOY, TIN PLATED.
2. PRODUCTION 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
ltr	ecn no	dr	date	tolerances unless otherwise specified
A	T10-0099	WL	070110	X.±0.5
B	T10-0161	WL	101210	X.X±0.3
C	T10-0187	WL	121410	X'±1"
D	T11-0015	WL	030211	X.XX±0.1
E	T11-0013	WL	040811	
		dr	WENDY CHEN	062310
		enr	JASON HSU	062310
		chr	GARY HSIEH	062310
		appd	JOSEPH HSIA	062310
sheet index	revision sheet	E	E	E
		1	2	3
		4	5	

form: A4mmXLc

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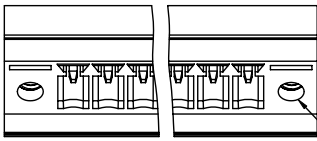


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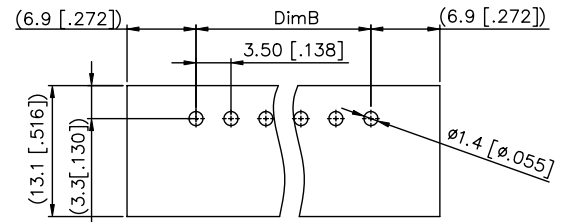
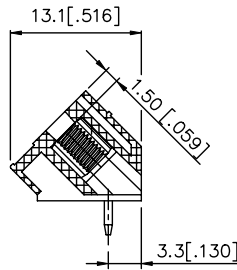
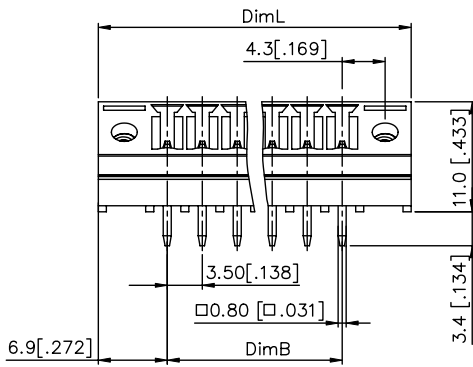
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PRODUCT NUMBER	SERIES NAME	PITCH
20020131-CXXXXXL	30-350	3.50 mm



FLANGE NUT M2.5



P.C.B LAYOUT

POLE	2	3	4	5	6	7	8	
DIM.L	17.3[.681]	20.8[.818]	24.3[.956]	27.8[1.094]	31.3[1.2322]	34.8[1.370]	38.3[1.507]	
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]			±0.20[.008]	
POLE	9	10	11	12	13	14	15	16
DIM.L	41.8[1.645]	45.3[1.783]	48.8[1.921]	52.3[2.059]	55.8[2.196]	59.3[2.334]	62.8[2.472]	66.3[2.610]
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	69.8[2.748]	73.3[2.885]	76.8[3.023]	80.3[3.161]	83.8[3.299]	87.3[3.437]	90.8[3.574]	94.3[3.712]
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	product family
tr	ecn	no	dr	date
E	tolerances unless otherwise specified			title
	angles	X.±0.5	MM	TERMINAL BLOCK
	DR	X.X±0.3	[INCH]	PLUGGABLE SIGNAL, SOCKET W/FLANGE
	X'±1'	X.XX±0.1	scale	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	20020131
sheet index	revision sheet			type
				CUSTOMER Drawing

form: A4mmXLc

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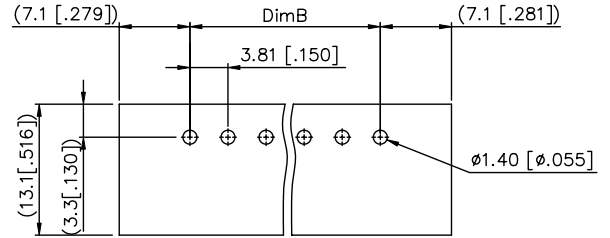
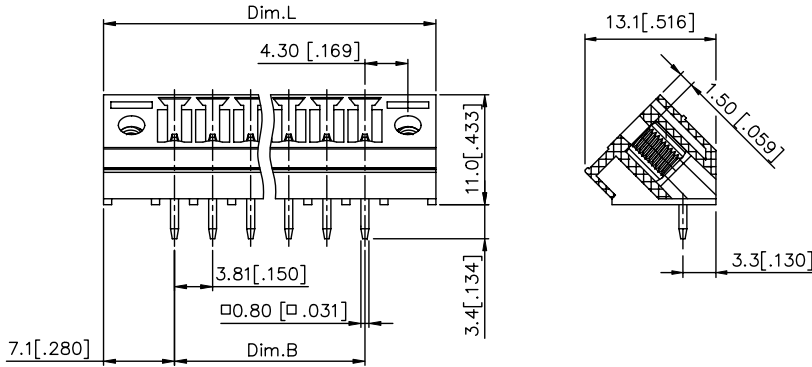
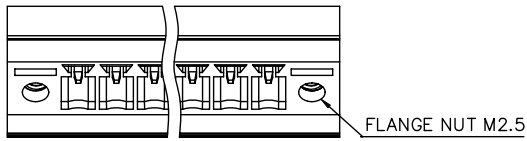


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PRODUCT NUMBER	SERIES NAME	PITCH
20020131-DXXXXXLF	30-381	3.81 mm



P.C.B LAYOUT

POLE	2	3	4	5	6	7	8	
Dim.L	18.01[.710]	21.82[.860]	25.63[1.010]	29.44[1.160]	33.25[1.310]	37.06[1.460]	40.87[1.610]	
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	44.68[1.760]	48.49[1.910]	52.3[2.060]	56.11[2.210]	59.92[2.360]	63.73[2.510]	67.54[2.660]	71.35[2.810]
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	75.16[2.960]	78.97[3.110]	82.78[3.260]	86.59[3.410]	90.4[3.560]	94.21[3.710]	98.02[3.860]	101.83[4.010]
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]	87.63[3.450]
Tol.	±0.25[.010]				±0.30[.012]			

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
tr	ecn no	dr	date	TERMINAL BLOCK
E	tolerances unless otherwise specified			title
	angles	X.±0.5	MM	TERMINAL BLOCK
	±1°	X.X±0.3	[INCH]	PLUGGABLE SIGNAL, SOCKET W/FLANGE
		X.XX±0.1	scale	45° ANGLE
	dr	WENDY CHEN	062310	dwg no
	enr	JASON HSU	062310	20020131
	chr	GARY HSIEH	062310	sheet 3 of 5
	appd	JOSEPH HSIA	062310	size A4
sheet index	revision sheet			type CUSTOMER Drawing

form: A4mmXLc

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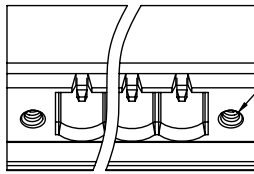
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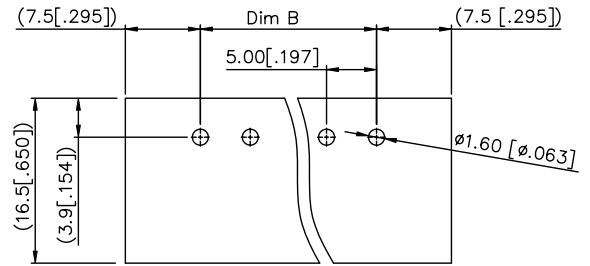
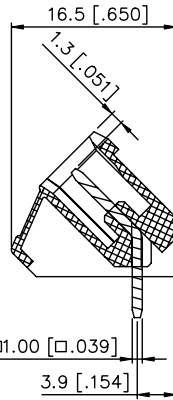
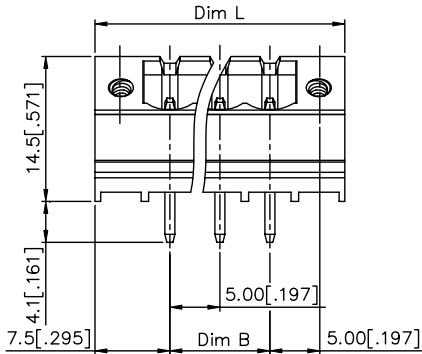
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PRODUCT NUMBER	SERIES NAME	PITCH
20020131-GXXXXXLF	30-500	5.00 mm



FLANGE NUT M2.5



PCB LAYOUT

POLE	2	3	4	5	6	7	8	
DIM.L	20.0[.787]	25.0[.984]	30.0[1.181]	35.0[1.377]	40.0[1.574]	45.0[1.771]	50.0[1.968]	
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.L	55.0[2.165]	60.0[2.362]	65.0[2.559]	70.0[2.755]	75.0[2.952]	80.0[3.149]	85.0[3.346]	
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.L	95.0[3.74]	100.0[3.937]	105.0[4.133]	110.0[4.330]	115.0[4.527]	120.0[4.724]	125.0[4.921]	
DIM.B	80.0[3.149]	85.0[3.346]	90.0[3.543]	95.0[3.740]	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
		ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	tolerances unless otherwise specified		title	
E				TERMINAL BLOCK PLUGGABLE SIGNAL, SOCKET W/FLANGE 45° ANGLE	
		angles	X.±0.5	MM	sheet 4 of 5
			X.X±0.3	[INCH]	size
		X'±1"	X.XX±0.1	scale	A4
		dr	WENDY CHEN	062310	FCI
		enr	JASON HSU	062310	dwg no
		chr	GARY HSIEH	062310	20020131
		appd	JOSEPH HSIA	062310	sheet 4 of 5
sheet index	revision sheet				type
					CUSTOMER Drawing

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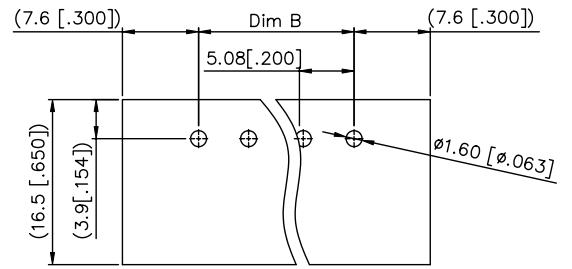
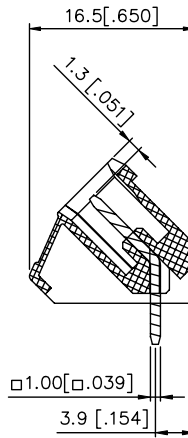
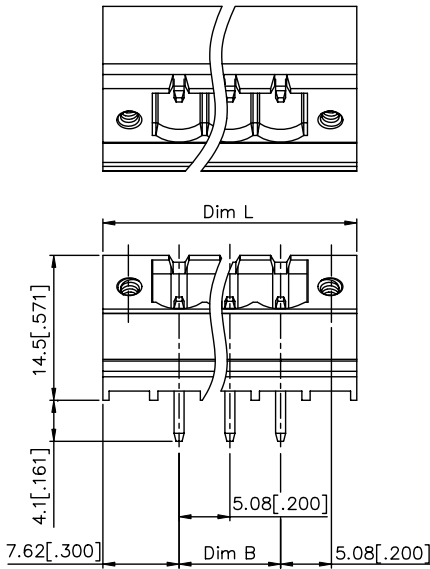


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PRODUCT NUMBER	SERIES NAME	PITCH
20020131-HXXXXXL	30-508	5.08 mm



PCB LAYOUT

POLE		2	3	4	5	6	7	8	
DIM.L		20.32[.800]	25.4[1.000]	30.48[1.200]	35.56[1.400]	40.64[1.600]	45.72[1.800]	50.8[2.000]	
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		55.88[2.200]	60.96[2.400]	66.04[2.600]	71.12[2.800]	76.2[3.000]	81.28[3.200]	86.36[3.400]	91.44[3.600]
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		96.52[3.800]	101.6[4.000]	106.68[4.200]	111.76[4.400]	116.84[4.600]	121.92[4.800]	127.0[5.000]	132.08[5.200]
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
itr	ecn	no	dr	date
tolerances unless otherwise specified				title
angles	X±0.5	MM	INCH	TERMINAL BLOCK
X±1°	X.X±0.3	scale	45° ANGLE	PLUGGABLE SIGNAL, SOCKET W/FLANGE
dr	WENDY CHEN	062310	FCJ	dwg no
enr	JASON HSU	062310		20020131
chr	GARY HSIEH	062310		sheet 5 of 5
appd	JOSEPH HSIA	062310		size A4
sheet index	revision sheet			type CUSTOMER Drawing

form: A4mmXLc

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