



PRODUCT NUMBER

20020314-XXXXXXLF

20020314-

PITCH

C: 3.50 mm
D: 3.81 mm

POLES

02: 2 POLES
03: 3 POLES
04: 4 POLES

24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

SCREW CODE

CODE	SCREW TYPE	AVAILABILITY
A	-/+	ON REQUEST ONLY
B	-	STANDARD

PROPERTY TABLE

FCI SERIES NAME		20-350	20-381
PITCH (mm)		3.50	3.81
VOLTAGE RATING (VAC)		300	300
CURRENT RATING (A)		10	10
APPLICABLE WIRE RANGE (AWG)	1-WIRE	16~28	16~28
	2-WIRE	24	24
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	1.5
		2-WIRE	0.5
	STRANDED	1-WIRE	1.0
		2-WIRE	0.2
OPENING CONTACT HOUSING(mm ²)		1.6x1.6	1.6x1.6
WIRE STRIP LENGTH(mm)		5~6	5~6
TORQUE + /-10% (N-m/Lb-in)		0.19/1.7	0.19/1.7
SCREW		M2x0.4	M2x0.4
WITHSTANDING VOLTAGE (kV)		1.6	1.6
OPERATING TEMP. (°C)		-40~+115	-40~+115
SOLDERING TEMP. (°C)		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

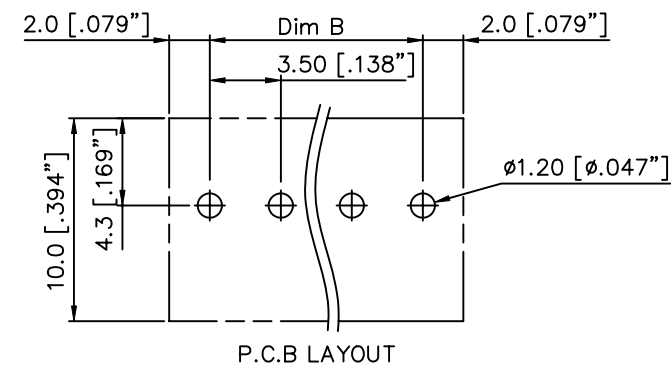
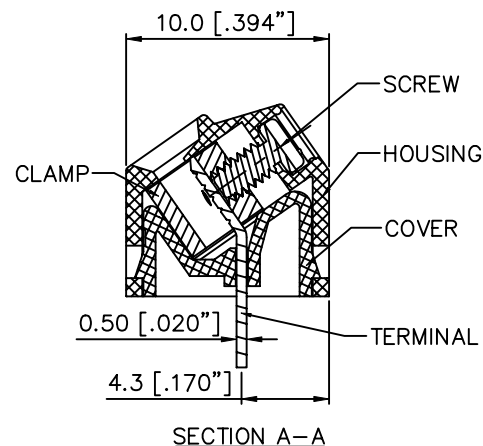
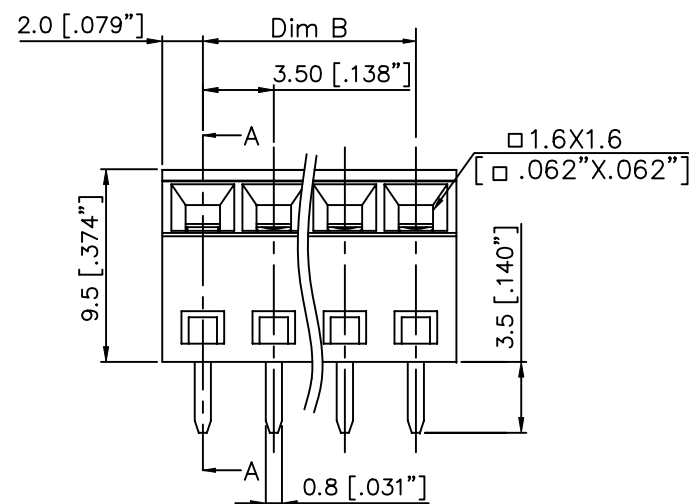
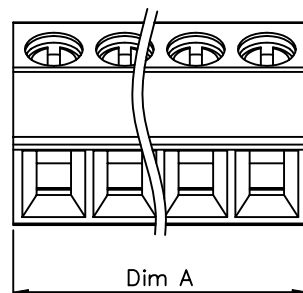
NOTES:

- MATERIALS
1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
1-2 COVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
1-3 SCREW: STEEL, ZINC PLATED.
1-4 CLAMP: COPPER ALLOY, NICKEL PLATED.
1-5 TERMINAL: COPPER ALLOY, TIN PLATED.
- PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
- PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
- FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.
- THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- RECOMMENDED SOLDERING PROCESS BY WAVE SOLDER.

mat'l. code				surface	tolerance	projection	product family
				ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			
A	T10-0138	WL	083110	angles	X.±0.5	MM	TERMINAL BLOCK FIXED SIGNAL PLUG, 45 DEGREE
B	T10-0165	WL	101210	to 1°	X.X±0.3	[INCH]	
				X*±1°	X.XX±0.1	scale	dwg no 20020314 sheet 1 of 3 size A4
				dr	WENDY CHEN	081710	
				enr	JASON HSU	081710	type CUSTOMER Drawing
				chr	GARY HSIEH	081710	
				appd	JOSEPH HSIA	081710	
sheet index	revision sheet	B 1	B 2	B 3			



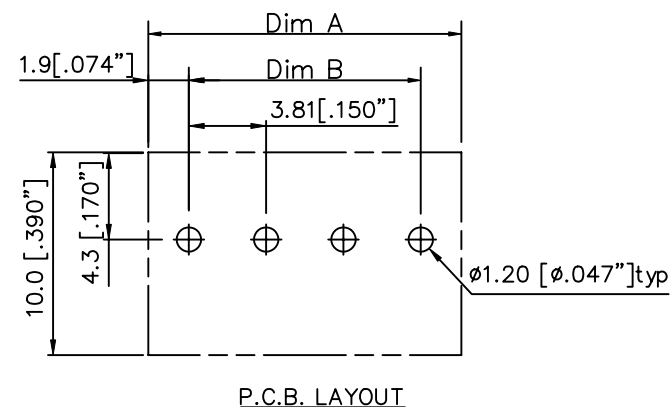
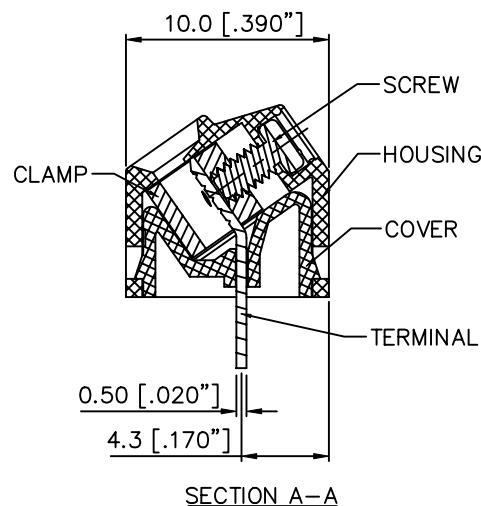
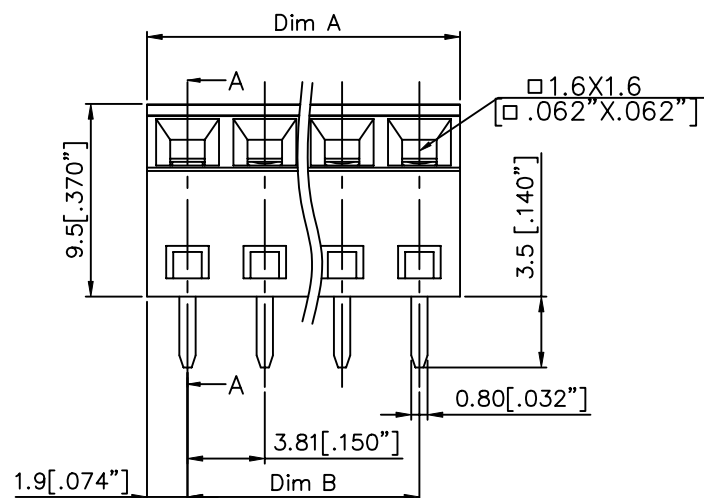
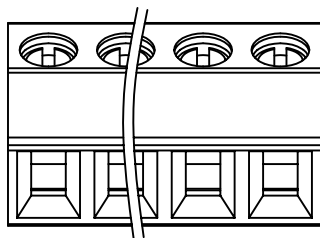
PRODUCT NUMBER	SERIES NAME	PITCH
20020314-CXXXXXXLF	20-350	3.50 mm



POLE		2	3	4	5	6	7	8	
Dim A		7.50[.295"]	11.00[.433"]	14.50[.570"]	18.00[.708"]	21.50[.846"]	25.00[.984"]	28.50[1.122"]	
Dim B		3.50[.138"]	7.00[.276"]	10.50[.413"]	14.00[.551"]	17.50[.689"]	21.00[.827"]	24.50[.965"]	
Tol.		±0.15[.006"]					±0.20[.008"]		
POLE		9	10	11	12	13	14	15	16
Dim A		32.00[1.259"]	35.50[1.397"]	39.00[1.535"]	42.50[1.673"]	46.00[1.811"]	49.5[1.948"]	53.0[2.086"]	56.50[2.224"]
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 A		60.00[2.362"]	63.50[2.500"]	67.00[2.637"]	70.50[2.775"]	74.00[2.913"]	77.50[3.051"]	81.00[3.188"]	84.50[3.326"]
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 TERMINAL BLOCK
litr	ecn	no	dr	date	tolerances unless otherwise specified		title
B					angles X°±1°		TERMINAL BLOCK
					inches X.XX±0.1		FIXED SIGNAL PLUG, 45 DEGREE
					dr	WENDY CHEN 081710	dwg no
					enr	JASON HSU 081710	sheet 2 of 3
					chr	GARY HSIEH 081710	size
					appd	JOSEPH HSIA 081710	A4
sheet	revision						type
index	sheet						CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020314-DXXXXXXLF	20-381	3.81 mm



POLE		2	3	4	5	6	7	8
Dim A		7.62[.300"]	11.43[.450"]	15.24[.600"]	19.05[.750"]	22.86[.900"]	26.67[1.050"]	30.48[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.		±0.15[.006"]					±0.20[.008"]	
POLE		9	10	11	12	13	14	15
Dim A		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"]
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[2.10"]
		±0.20[.008"]					±0.25[.010"]	
POLE		17	18	19	20	21	22	23
Dim A		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"]
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"]
		±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	tolerances unless otherwise specified			title
B				angles mm INCH	X.±0.5 X.X±0.3 X.XX±0.1	scale MM INCH	TERMINAL BLOCK FIXED SIGNAL PLUG, 45 DEGREE
				dr	WENDY CHEN	081710	dwg no
				enr	JASON HSU	081710	sheet 3 of 3
				chr	GARY HSIEH	081710	size
				appd	JOSEPH HSIA	081710	A4
sheet	revision						type
index	sheet						CUSTOMER Drawing

Mouser Electronics

Authorized Distributor

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[TV1211500000G](#)

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<u>20020314-D111B01LF</u>	<u>20020314-C141B01LF</u>	<u>20020314-D041B01LF</u>	<u>20020314-D241B01LF</u>	<u>20020314-D201B01LF</u>
<u>20020314-C241B01LF</u>	<u>20020314-C041B01LF</u>	<u>20020314-C171B01LF</u>	<u>20020314-D211B01LF</u>	<u>20020314-C071B01LF</u>
<u>20020314-D141B01LF</u>	<u>20020314-C191B01LF</u>	<u>20020314-C231B01LF</u>	<u>20020314-D171B01LF</u>	<u>20020314-C201B01LF</u>
<u>20020314-D071B01LF</u>	<u>20020314-D101B01LF</u>	<u>20020314-D031B01LF</u>	<u>20020314-C161B01LF</u>	<u>20020314-D131B01LF</u>
<u>20020314-C131B01LF</u>	<u>20020314-C031B01LF</u>	<u>20020314-C101B01LF</u>	<u>20020314-D231B01LF</u>	<u>20020314-C221B01LF</u>
<u>20020314-D221B01LF</u>	<u>20020314-C061B01LF</u>	<u>20020314-D061B01LF</u>	<u>20020314-C091B01LF</u>	<u>20020314-D161B01LF</u>
<u>20020314-D191B01LF</u>	<u>20020314-C121B01LF</u>	<u>20020314-C021B01LF</u>	<u>20020314-C151B01LF</u>	<u>20020314-C051B01LF</u>
<u>20020314-D181B01LF</u>	<u>20020314-C211B01LF</u>	<u>20020314-D081B01LF</u>	<u>20020314-C181B01LF</u>	<u>20020314-C081B01LF</u>
<u>20020314-D121B01LF</u>	<u>20020314-D151B01LF</u>	<u>20020314-D091B01LF</u>	<u>20020314-D021B01LF</u>	<u>20020314-D051B01LF</u>
<u>20020314-C111B01LF</u>				