



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:

1. 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.
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. 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	tolerances	X.X±0.3	[INCH]	
				X*±1"	X.XX±0.1	scale	
				dr	WENDY CHEN	081710	FCI
				enr	JASON HSU	081710	
				chr	GARY HSIEH	081710	
				appd	JOSEPH HSIA	081710	
sheet index	revision	B	B	B			type
	sheet	1	2	3			CUSTOMER Drawing



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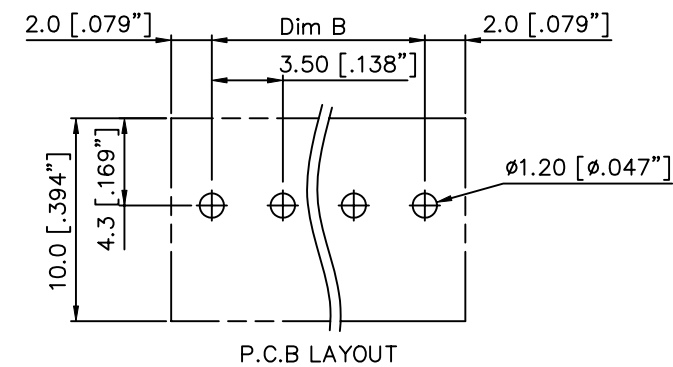
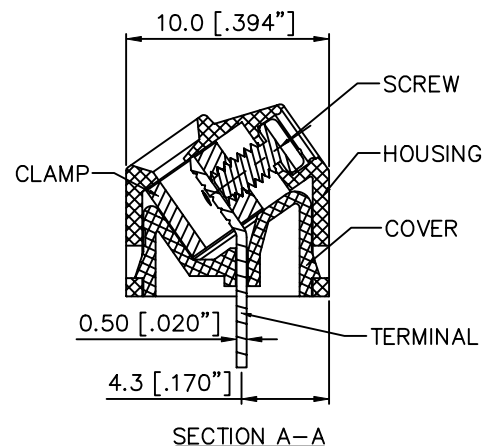
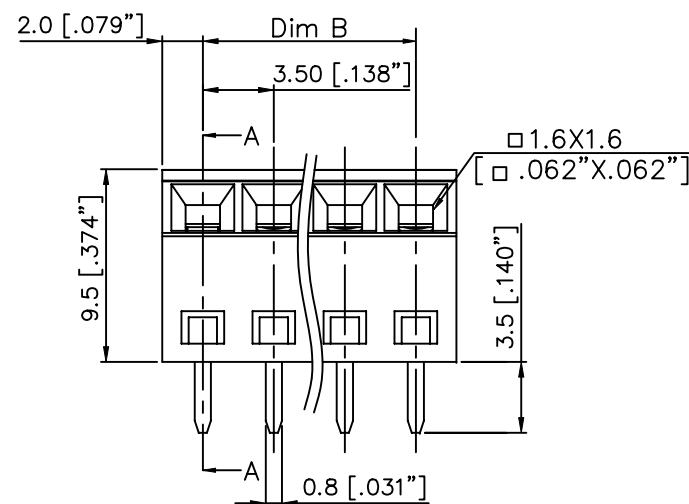
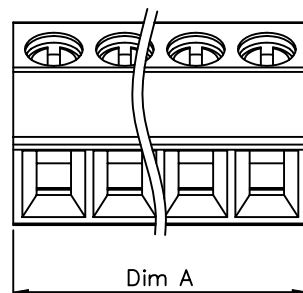


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3 |

4

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°	X±0.5 X.X±0.3 X.XX±0.1	TERMINAL BLOCK 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 index	revision	sheet					type
							CUSTOMER Drawing

form: A4mmXLc

1 |

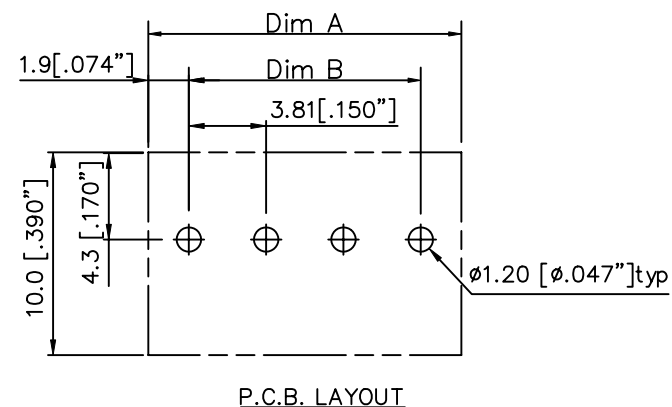
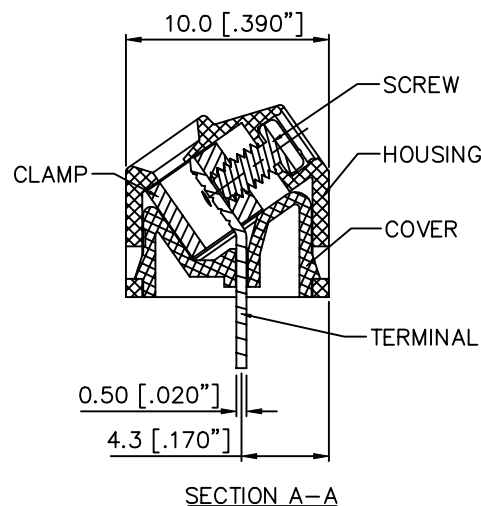
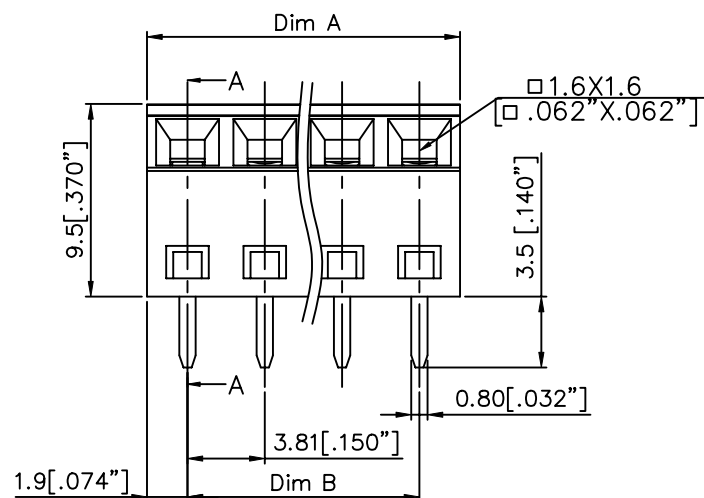
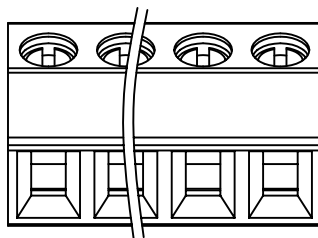
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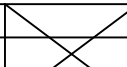
PDM: Rev:B 3 |

STATUS: Released

Printed: Oct 18, 2010 4

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	16
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"]	60.96[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[2.10"]	57.15[2.250"]
	±0.20[.008"]				±0.25[.010"]			
POLE	17	18	19	20	21	22	23	24
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"]	91.44[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"]	87.63[3.450"]
	±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
B					angles X±1°	X±0.5 X.X±0.3 X.XX±0.1	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

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

<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>				