



PCB LAYOUT

SPECIFICATIONS:

1. MATERIAL:
 - (A). SCREW: C1010
 - (B). BODY: PA66
 - (C). TERMINAL: BRASS
 - (D). CAGE: BRASS
2. WIRE RANGE: 24 - 16AWG
3. ELECTRICAL RATING: 300V, 10A.
4. MAX TORQUE: 3.5 IN-LBS.
5. WIRE STRIP LENGTH: 5.5mm.
6. DIELECTRIC WITHSTAND: AC 2500V FOR 1 MINUTE.
7. BREAKDOWN VOLTAGE : 4000V.(1.2/50us). 5 TIMES
8. INSULATION RESISTANCE: DC 500V, 1000M.
9. OPERATING TEMPERATURE: -40°C to +105°C.
10. A = N x P
11. B = (N - 1) x P
12. P (PITCH) = 5.00mm (.197").
13. N = NUMBER OF POSITIONS AVAILABLE 2 THROUGH 24.

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

SYMBOLS DIMENSION UNITS: MM/INCH SCALE: 4:1 GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± 3 PLACES ± SEE CHART 2 PLACES ± SEE CHART 1 PLACE ± SEE CHART 0 PLACES ± ANGULAR TOL ± ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: MIGRATION TO ECTR/NX		molex 5.0MM, EURO TERM BLOCK RIGHT ANGLE, PC MOUNT STACKABLE, STAMPED TERM	
	EC NO: 619931 DRWN: DSOPPIN 2019/06/24 CHK'D: DACHAMMER 2019/07/01 APPR: JFMURPHY 2019/07/08		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-39543-006 DOC TYPE: PSD DOC PART: 001 REVISION: A2	
INITIAL REVISION: DRWN: LROTHAUS 2005/06/12 APPR: C.YORK 2006/06/01		MATERIAL NUMBER: 39543 CUSTOMER: GENERAL MARKET	SHEET NUMBER: 1 OF 2	

F	DESCRIPTION	CIRCUIT SIZE	MATERIAL NUMBERS MOLDED TO LENGTH						MATERIAL NUMBERS STACKABLE						DIMENSIONAL INFORMATION			
			BLACK			GREEN			BLACK			GREEN						
			100% TIN			100% TIN			100% TIN			100% TIN						
			PRINTING OPTIONS			PRINTING OPTIONS			PRINTING OPTIONS			PRINTING OPTIONS			DIM. "A"		DIM. "B"	
			None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	mm	inch	mm	inch
E	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	2	395433102	395435102	395437102	395933102	395935102	395937102	395434502	395436502	395438502	395934502	395936502	395938502	10.00	.394	5.00	.197
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	3	395433103	395435103	395437103	395933103	395935103	395937103	395434503	395436503	395438503	395934503	395936503	395938503	15.00	.591	10.00	.394
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	4	395433104	395435104	395437104	395933104	395935104	395937104	N/A	N/A	N/A	N/A	N/A	N/A	20.00	.787	15.00	.591
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	5	395433105	395435105	395437105	395933105	395935105	395937105	N/A	N/A	N/A	N/A	N/A	N/A	25.00	.984	20.00	.787
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	6	395433106	395435106	395437106	395933106	395935106	395937106	N/A	N/A	N/A	N/A	N/A	N/A	30.00	1.181	25.00	.984
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	7	395433107	395435107	395437107	395933107	395935107	395937107	N/A	N/A	N/A	N/A	N/A	N/A	35.00	1.378	30.00	1.181
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	8	395433108	395435108	395437108	395933108	395935108	395937108	N/A	N/A	N/A	N/A	N/A	N/A	40.00	1.575	35.00	1.378
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	9	395433109	395435109	395437109	395933109	395935109	395937109	N/A	N/A	N/A	N/A	N/A	N/A	45.00	1.772	40.00	1.575
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	10	395433110	395435110	395437110	395933110	395935110	395937110	N/A	N/A	N/A	N/A	N/A	N/A	50.00	1.969	45.00	1.772
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	11	395433111	395435111	395437111	395933111	395935111	395937111	N/A	N/A	N/A	N/A	N/A	N/A	55.00	2.165	50.00	1.969
D	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	12	395433112	395435112	395437112	395933112	395935112	395937112	N/A	N/A	N/A	N/A	N/A	N/A	60.00	2.362	55.00	2.165
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	13	395433113	395435113	395437113	395933113	395935113	395937113	N/A	N/A	N/A	N/A	N/A	N/A	65.00	2.559	60.00	2.362
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	14	395433114	395435114	395437114	395933114	395935114	395937114	N/A	N/A	N/A	N/A	N/A	N/A	70.00	2.756	65.00	2.559
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	15	395433115	395435115	395437115	395933115	395935115	395937115	N/A	N/A	N/A	N/A	N/A	N/A	75.00	2.953	70.00	2.756
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	16	395433116	395435116	395437116	395933116	395935116	395937116	N/A	N/A	N/A	N/A	N/A	N/A	80.00	3.150	75.00	2.953
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	17	395433117	395435117	395437117	395933117	395935117	395937117	N/A	N/A	N/A	N/A	N/A	N/A	85.00	3.346	80.00	3.150
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	18	395433118	395435118	395437118	395933118	395935118	395937118	N/A	N/A	N/A	N/A	N/A	N/A	90.00	3.543	85.00	3.346
C	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	19	395433119	395435119	395437119	395933119	395935119	395937119	N/A	N/A	N/A	N/A	N/A	N/A	95.00	3.740	90.00	3.543
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	20	395433120	395435120	395437120	395933120	395935120	395937120	N/A	N/A	N/A	N/A	N/A	N/A	100.00	3.937	95.00	3.740
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	21	395433121	395435121	395437121	395933121	395935121	395937121	N/A	N/A	N/A	N/A	N/A	N/A	105.00	4.134	100.00	3.937
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	22	395433122	395435122	395437122	395933122	395935122	395937122	N/A	N/A	N/A	N/A	N/A	N/A	110.00	4.331	105.00	4.134
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	23	395433123	395435123	395437123	395933123	395935123	395937123	N/A	N/A	N/A	N/A	N/A	N/A	115.00	4.528	110.00	4.331
	5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE	24	395433124	395435124	395437124	395933124	395935124	395937124	N/A	N/A	N/A	N/A	N/A	N/A	120.00	4.724	115.00	4.528

TOLERANCES			
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>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS	SCALE
▽ = 0	MM/INCH	2:1
▽ = 0	CURRENT REV DESC: MIGRATION TO ECTR/NX	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
▽ = 0	4 PLACES ±	SEE CHART
▽ = 0	3 PLACES ±	SEE CHART
▽ = 0	2 PLACES ±	SEE CHART
▽ = 0	1 PLACE ±	SEE CHART
▽ = 0	0 PLACES ±	SEE CHART
□ = 0	ANGULAR TOL ± °	
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
▽ = 0	THIRD ANGLE PROJECTION	DRAWING SERIES
		B-SIZE 39543
EC NO: 619931		2019/06/24
DRWN: DSOPPIN		2019/07/01
CHK'D: DACHAMMER		2019/07/08
APPR: JFMURPHY		
INITIAL REVISION:		
DRWN: LROTHAUS		2005/06/12
APPR: C.YORK		2006/06/01
DOCUMENT NUMBER		DOC TYPE DOC PART REVISION
SD-39543-006		PSD 001 A2
MATERIAL NUMBER		CUSTOMER
SEE TABLE		GENERAL MARKET
SHEET NUMBER		2 OF 2