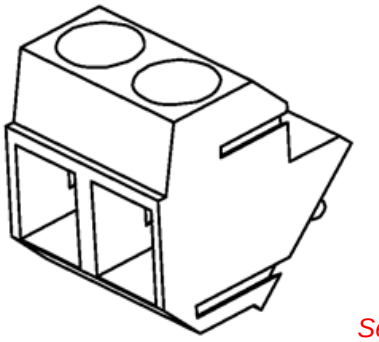
This document was generated on 04/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0395430212

Status: Active

Description: 5.00mm (.197") Pitch Eurostyle™ 45° Wire Entry Fixed Mount PCB Terminal Block, with Screw Pressure Clamp, 12 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Terminal Blocks
Series	39543
Application	Wire-to-Board
Component Type	One Piece
Product Literature Order No	USA-355
Product Name	ESE, Eurostyle™Fixed Mount
Type	Euro Block

Physical

Circuits (Loaded)	12
Entry Angle	45° Angle
Lock to Mating Part	None
Number of Rows	1
Orientation	45° Angle
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Thickness Recommended (in)	0.080 In
PCB Thickness Recommended (mm)	2.00 mm
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Polarized to Mating Part	N/A
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Wire Size AWG	14, 16, 18, 20, 22, 24
Wire Size mm²	0.20 - 2.08

Electrical

Current - Maximum per Contact	10A
Voltage - Maximum	300V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	135
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-39501-002, SD-39543-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

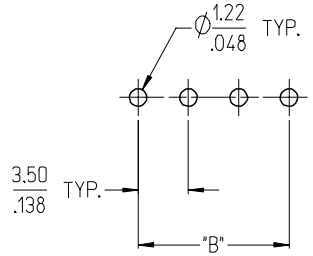
Search Parts in this Series
39543Series

This document was generated on 04/27/2010

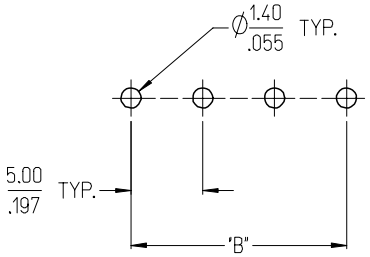
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

39501

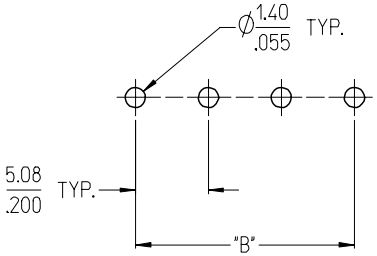
3950X SERIES
3.50mm HEADERS



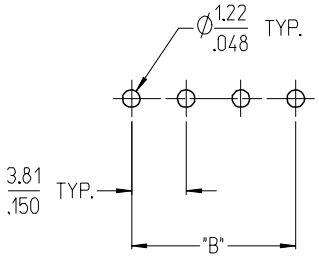
3952X & 3954X SERIES
5.00mm HEADERS
5.00mm 10 AMP FIXED



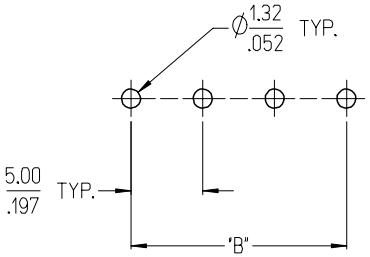
3953X SERIES
5.08mm HEADERS



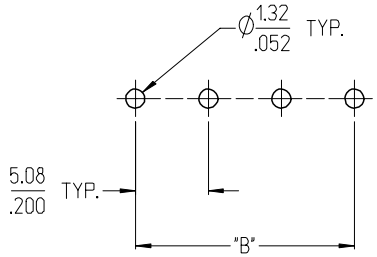
3951X SERIES
3.81mm HEADERS



3954X SERIES
5.00mm 15 AMP FIXED



3954X SERIES
5.08mm 15 AMP FIXED



NOTES:

1. REFER TO INDIVIDUAL PRODUCT SALES DRAWINGS FOR "B" DIMENSION.
2. DOES NOT APPLY TO DUAL LEVEL HEADERS, SERIES 39528 AND 39538.
3. TYP. = TYPICAL.

REV	DESCRIPTION	EC NO: ETC2007-0096	DRWN: CLYORK	CHKD: JMACNEIL	APPR: JMACNEIL
A	INITIAL RELEASE		2006/10/02	2006/10/04	2006/10/04

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

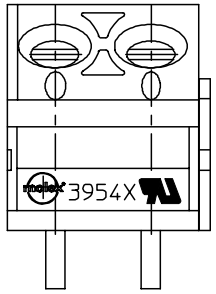
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CHECKED BY	J. MACNEIL	DATE 2006/08/25
APPROVED BY	J. MACNEIL	DATE 2006/08/25

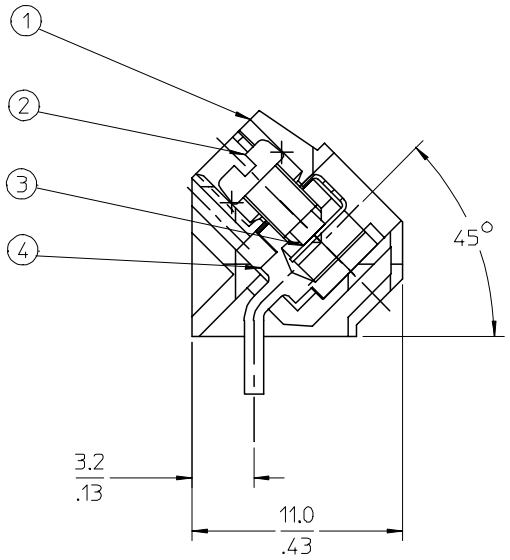
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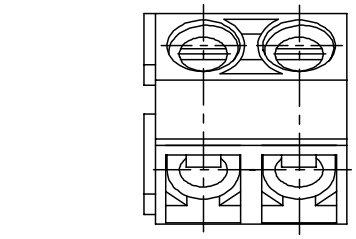
MOLEX INCORPORATED

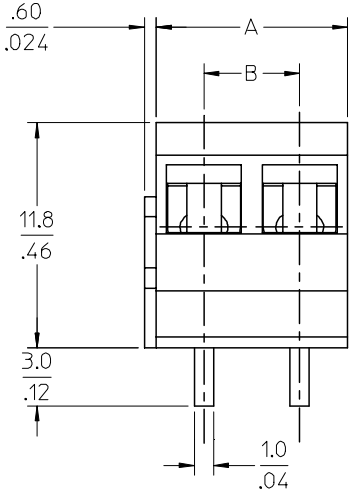
MATERIAL NO.: --
DOCUMENT NO.: SD-39501-002
SHEET NO.: 1 OF 1
SIZE: B

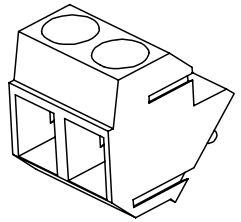
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION











SPECIFICATIONS:

1. Material:
(1). Body: PA66
(2). Screw: Steel
(3). Wire Protector: QSn
(4). Terminal: Brass
2. Wire range: 24 - 14AWG.
3. Electrical rating: 300V, 10A.
4. MAX TORQUE: 3 in-lbs.
5. Wire strip length: 5.00mm.
6. Insulation resistance: DC500V, 500M.
7. Operating temperature: -40C to +105C.
8. A = N x P.
9. B = (N - 1) x P
10. P = (Pitch) = 5.00MM (.197").
11. N = Number of positions available 2 through 24.

RELEASE
EC NO: NEO2006-0310 2006/01/09
DRWN:LROTHAUS 2006/01/09
CH'KD:CYORK 2006/01/10
APPR: JPAWLICK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	±.0015
3 PLACES	±0.038	±.005
2 PLACES	±0.13	±.01
1 PLACE	±0.3	±---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: LROTHAUS DATE: 10/7/05
CHECKED BY: C. YORK DATE: 01/06/06
APPROVED BY: DATE:

TITLE: 5.0MM, EURO TERM. BLOCK PC MOUNT, 45 DEGREE

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MATERIAL NO.: See Chart
DOCUMENT NO.: SD-39543-001
SHEET NO.: 1 OF 1
SIZE: B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

		Material Numbers Molded to Length						Material Numbers Stackable						Dimensional Information			
		Black			Green			Black			Green						
		100% Tin			100% Tin			100% Tin			100% Tin						
	Circuit size	Printing Options			Printing Options			Printing Options			Printing Options			Dim. A		Dim B	
Description		None	10A	11A	None	10A	11A	None	10A	11A	None	10A	11A	mm	inch	mm	inch
5.0mm, Euro Block, PC Mount, 45 Deg	2	395430202	395431202	395432202	395930202	395931202	395932202	395430502	395431502	395432502	395930502	395931502	395932502	10.00	0.394	5.00	0.197
5.0mm, Euro Block, PC Mount, 45 Deg	3	395430203	395431203	395432203	395930203	395931203	395932203	395430503	395431503	395432503	395930503	395931503	395932503	15.00	0.591	10.00	0.394
5.0mm, Euro Block, PC Mount, 45 Deg	4	395430204	395431204	395432204	395930204	395931204	395932204	N/A	N/A	N/A	N/A	N/A	N/A	20.00	0.787	15.00	0.591
5.0mm, Euro Block, PC Mount, 45 Deg	5	395430205	395431205	395432205	395930205	395931205	395932205	N/A	N/A	N/A	N/A	N/A	N/A	25.00	0.984	20.00	0.787
5.0mm, Euro Block, PC Mount, 45 Deg	6	395430206	395431206	395432206	395930206	395931206	395932206	N/A	N/A	N/A	N/A	N/A	N/A	30.00	1.181	25.00	0.984
5.0mm, Euro Block, PC Mount, 45 Deg	7	395430207	395431207	395432207	395930207	395931207	395932207	N/A	N/A	N/A	N/A	N/A	N/A	35.00	1.378	30.00	1.181
5.0mm, Euro Block, PC Mount, 45 Deg	8	395430208	395431208	395432208	395930208	395931208	395932208	N/A	N/A	N/A	N/A	N/A	N/A	40.00	1.575	35.00	1.378
5.0mm, Euro Block, PC Mount, 45 Deg	9	395430209	395431209	395432209	395930209	395931209	395932209	N/A	N/A	N/A	N/A	N/A	N/A	45.00	1.772	40.00	1.575
5.0mm, Euro Block, PC Mount, 45 Deg	10	395430210	395431210	395432210	395930210	395931210	395932210	N/A	N/A	N/A	N/A	N/A	N/A	50.00	1.969	45.00	1.772
5.0mm, Euro Block, PC Mount, 45 Deg	11	395430211	395431211	395432211	395930211	395931211	395932211	N/A	N/A	N/A	N/A	N/A	N/A	55.00	2.165	50.00	1.969
5.0mm, Euro Block, PC Mount, 45 Deg	12	395430212	395431212	395432212	395930212	395931212	395932212	N/A	N/A	N/A	N/A	N/A	N/A	60.00	2.362	55.00	2.165
5.0mm, Euro Block, PC Mount, 45 Deg	13	395430213	395431213	395432213	395930213	395931213	395932213	N/A	N/A	N/A	N/A	N/A	N/A	65.00	2.559	60.00	2.362
5.0mm, Euro Block, PC Mount, 45 Deg	14	395430214	395431214	395432214	395930214	395931214	395932214	N/A	N/A	N/A	N/A	N/A	N/A	70.00	2.756	65.00	2.559
5.0mm, Euro Block, PC Mount, 45 Deg	15	395430215	395431215	395432215	395930215	395931215	395932215	N/A	N/A	N/A	N/A	N/A	N/A	75.00	2.953	70.00	2.756
5.0mm, Euro Block, PC Mount, 45 Deg	16	395430216	395431216	395432216	395930216	395931216	395932216	N/A	N/A	N/A	N/A	N/A	N/A	80.00	3.150	75.00	2.953
5.0mm, Euro Block, PC Mount, 45 Deg	17	395430217	395431217	395432217	395930217	395931217	395932217	N/A	N/A	N/A	N/A	N/A	N/A	85.00	3.346	80.00	3.150
5.0mm, Euro Block, PC Mount, 45 Deg	18	395430218	395431218	395432218	395930218	395931218	395932218	N/A	N/A	N/A	N/A	N/A	N/A	90.00	3.543	85.00	3.346
5.0mm, Euro Block, PC Mount, 45 Deg	19	395430219	395431219	395432219	395930219	395931219	395932219	N/A	N/A	N/A	N/A	N/A	N/A	95.00	3.740	90.00	3.543
5.0mm, Euro Block, PC Mount, 45 Deg	20	395430220	395431220	395432220	395930220	395931220	395932220	N/A	N/A	N/A	N/A	N/A	N/A	100.00	3.937	95.00	3.740
5.0mm, Euro Block, PC Mount, 45 Deg	21	395430221	395431221	395432221	395930221	395931221	395932221	N/A	N/A	N/A	N/A	N/A	N/A	105.00	4.134	100.00	3.937
5.0mm, Euro Block, PC Mount, 45 Deg	22	395430222	395431222	395432222	395930222	395931222	395932222	N/A	N/A	N/A	N/A	N/A	N/A	110.00	4.331	105.00	4.134
5.0mm, Euro Block, PC Mount, 45 Deg	23	395430223	395431223	395432223	395930223	395931223	395932223	N/A	N/A	N/A	N/A	N/A	N/A	115.00	4.528	110.00	4.331
5.0mm, Euro Block, PC Mount, 45 Deg	24	395430224	395431224	395432224	395930224	395931224	395932224	N/A	N/A	N/A	N/A	N/A	N/A	120.00	4.724	115.00	4.528

SEE SHEET 1
EC NO: NEO2006-0310 2006/01/09
DRWN:LROTHAUS 2006/01/09
CH'KD:CYORK
APPR: JPAWLICK 2006/01/10
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	±.0015
3 PLACES	± 0.038	±.005
2 PLACES	± 0.13	±.01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: L.ROTHAUS DATE: 12/6/05
CHECKED BY: C. YORK DATE: 01/05/06
APPROVED BY: DATE:

TITLE: 5.0MM, EURO TERM. BLOCK PC MOUNT, 45 DEGREE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39543-001
SHEET NO.: 2 OF 2
SIZE: B

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