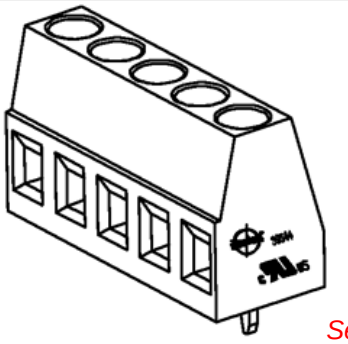
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This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0395443003
Status: Active
Description: 5.08mm (.200") Pitch Eurostyle™ Vertical Fixed Mount PCB Terminal Block, 3 Circuits



Series image - Reference only

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

General

Product Family	Terminal Blocks
Series	39544
Application	Wire-to-Board
Component Type	One Piece
MolexKits	Yes
Product Literature Order No	USA-355
Product Name	ESE, Eurostyle™Fixed Mount
Type	Euro Block

Physical

Circuits (Loaded)	3
Entry Angle	Horizontal
Lock to Mating Part	None
Number of Rows	1
Orientation	Vertical
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)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Polarized to Mating Part	N/A
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Wire Size AWG	12, 14, 16, 18, 20, 22
Wire Size mm²	0.33 - 3.31

Electrical

Current - Maximum per Contact	15A
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-39544-001

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.

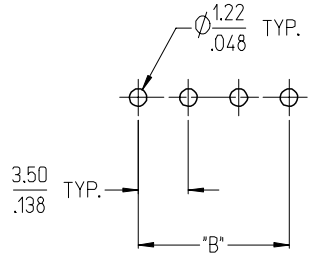
Search Parts in this Series
39544Series

This document was generated on 06/07/2010

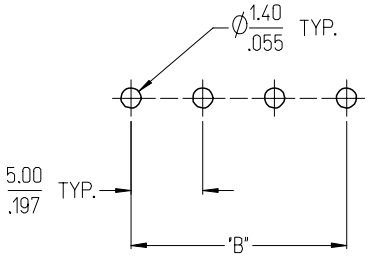
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

39501

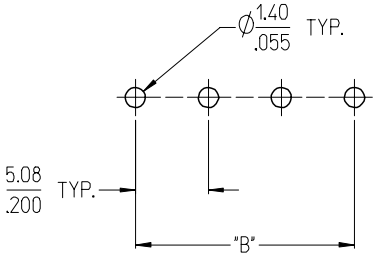
3950X SERIES
3.50mm HEADERS



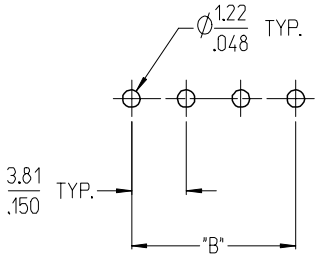
3952X & 3954X SERIES
5.00mm HEADERS
5.00mm 10 AMP FIXED



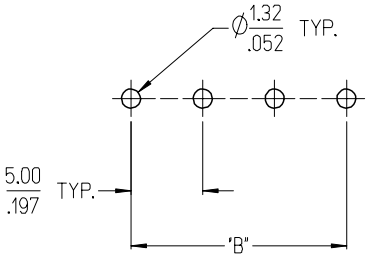
3953X SERIES
5.08mm HEADERS



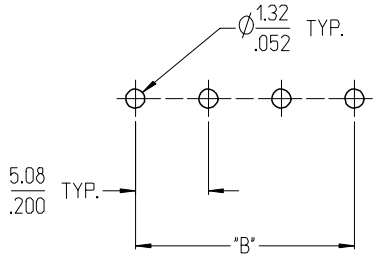
3951X SERIES
3.81mm HEADERS



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

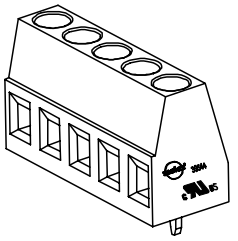
DRAWN BY	C. YORK	DATE 2006/08/25
CHECKED BY	J. MACNEIL	DATE 2006/08/25
APPROVED BY	J. MACNEIL	DATE 2006/08/25

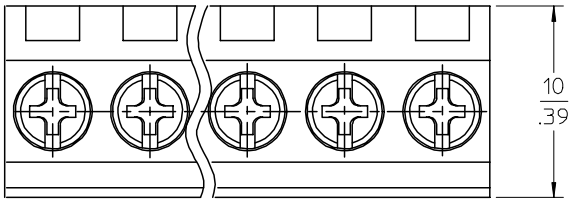
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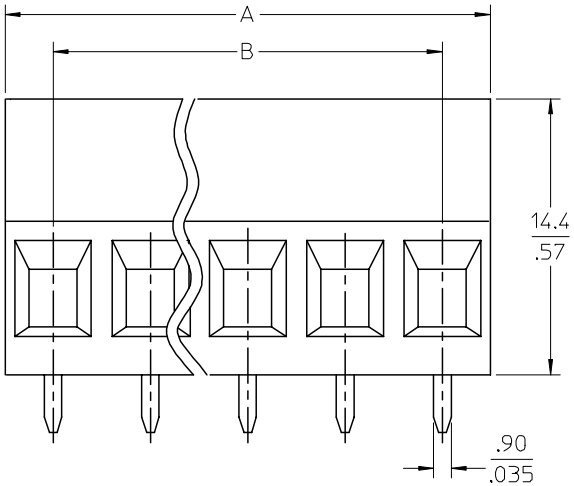
MOLEX INCORPORATED

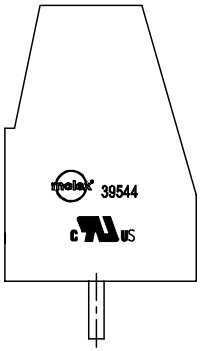
MATERIAL NO.: --
DOCUMENT NO.: SD-39501-002
SHEET NO.: 1 OF 1
SIZE: B

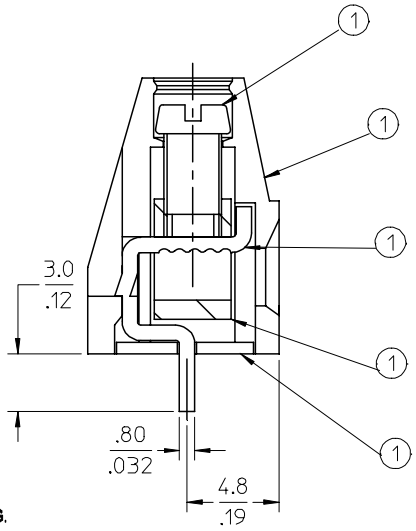
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION











SPECIFICATIONS:

1. Material:
   (1). Screw: C1010.
   (2). Body: PA66
   (3). Terminal: Brass
   (4). Cage: Brass
   (5). Cover: PA66
2. Wire range: 30 - 12AWG.
3. Electrical rating: 300V, 15A.
4. MAX TORQUE: 4.5 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) = 5.08MM (.200").
11. N = Number of positions available 2 through 24.
12. ASSEMBLY IS ROHS COMPLIANT.

REV	DESCRIPTION	
B	REVISE WIRE RANGE EC NO: ETC2007-0359	2007/03/26
	DRWN: CLYORK	2007/04/02
	CH'KD: JMACNEIL	2007/04/03
	APPR: JMACNEIL	

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	12/6/05
CHECKED BY	C. YORK
DATE	01/06/06
APPROVED BY	J. PAWLICKI
DATE	01/10/06
MATERIAL NO.	SEE CHART
TITLE	5.08MM, EURO TERM BLOCK VERTICAL, PC MOUNT STAMPED TERMINAL
	MOLEX INCORPORATED
DOCUMENT NO.	SD-39544-001
SHEET NO.	1 OF 2
SIZE	B

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Description	Circuit size	Material Numbers: Black, 100% Tin, Printing Options: None	Black, 100% Tin, 10A	Black, 100% Tin, 11A	Green, 100% Tin, None	Green, 100% Tin, 10A	Green, 100% Tin, 11A	Dimensional Information: Dim. A mm	Dim. A inch	Dim B mm	Dim B inch
5.08mm, Euro Block, PC Mount, Vertical	2	395443002	395445002	395447002	395943002	395945002	395947002	10.16	.400	5.08	.200
5.08mm, Euro Block, PC Mount, Vertical	3	395443003	395445003	395447003	395943003	395945003	395947003	15.24	.600	10.16	.400
5.08mm, Euro Block, PC Mount, Vertical	4	395443004	395445004	395447004	395943004	395945004	395947004	20.32	.800	15.24	.600
5.08mm, Euro Block, PC Mount, Vertical	5	395443005	395445005	395447005	395943005	395945005	395947005	25.40	1.000	20.32	.800
5.08mm, Euro Block, PC Mount, Vertical	6	395443006	395445006	395447006	395943006	395945006	395947006	30.48	1.200	25.40	1.000
5.08mm, Euro Block, PC Mount, Vertical	7	395443007	395445007	395447007	395943007	395945007	395947007	35.56	1.400	30.48	1.200
5.08mm, Euro Block, PC Mount, Vertical	8	395443008	395445008	395447008	395943008	395945008	395947008	40.64	1.600	35.56	1.400
5.08mm, Euro Block, PC Mount, Vertical	9	395443009	395445009	395447009	395943009	395945009	395947009	45.72	1.800	40.64	1.600
5.08mm, Euro Block, PC Mount, Vertical	10	395443010	395445010	395447010	395943010	395945010	395947010	50.80	2.000	45.72	1.800
5.08mm, Euro Block, PC Mount, Vertical	11	395443011	395445011	395447011	395943011	395945011	395947011	55.88	2.200	50.80	2.000
5.08mm, Euro Block, PC Mount, Vertical	12	395443012	395445012	395447012	395943012	395945012	395947012	60.96	2.400	55.88	2.200
5.08mm, Euro Block, PC Mount, Vertical	13	395443013	395445013	395447013	395943013	395945013	395947013	66.04	2.600	60.96	2.400
5.08mm, Euro Block, PC Mount, Vertical	14	395443014	395445014	395447014	395943014	395945014	395947014	71.12	2.800	66.04	2.600
5.08mm, Euro Block, PC Mount, Vertical	15	395443015	395445015	395447015	395943015	395945015	395947015	76.20	3.000	71.12	2.800
5.08mm, Euro Block, PC Mount, Vertical	16	395443016	395445016	395447016	395943016	395945016	395947016	81.28	3.200	76.20	3.000
5.08mm, Euro Block, PC Mount, Vertical	17	395443017	395445017	395447017	395943017	395945017	395947017	86.36	3.400	81.28	3.200
5.08mm, Euro Block, PC Mount, Vertical	18	395443018	395445018	395447018	395943018	395945018	395947018	91.44	3.600	86.36	3.400
5.08mm, Euro Block, PC Mount, Vertical	19	395443019	395445019	395447019	395943019	395945019	395947019	96.52	3.800	91.44	3.600
5.08mm, Euro Block, PC Mount, Vertical	20	395443020	395445020	395447020	395943020	395945020	395947020	101.60	4.000	96.52	3.800
5.08mm, Euro Block, PC Mount, Vertical	21	395443021	395445021	395447021	395943021	395945021	395947021	106.68	4.200	101.60	4.000
5.08mm, Euro Block, PC Mount, Vertical	22	395443022	395445022	395447022	395943022	395945022	395947022	111.76	4.400	106.68	4.200
5.08mm, Euro Block, PC Mount, Vertical	23	395443023	395445023	395447023	395943023	395945023	395947023	116.84	4.600	111.76	4.400
5.08mm, Euro Block, PC Mount, Vertical	24	395443024	395445024	395447024	395943024	395945024	395947024	121.92	4.800	116.84	4.600

SEE SHEET 1
EC NO: ETC2007-0359 2007/03/26
DRWN: CLYORK 2007/04/02
CH'KD: JMACNEIL 2007/04/03
APPR: JMACNEIL
DESCRIPTION
REV
B

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: 12/6/05
CHECKED BY: C. YORK DATE: 01/06/06
APPROVED BY: J. PAWLICKI DATE: 01/10/06

TITLE: 5.08MM, EURO TERM. BLOCK VERTICAL, PC MOUNT, STAMPED TERMINAL

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39544-001
SHEET NO.: 2 OF 2
SIZE: B

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