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Part Number: [0395443007](#)
Status: **Active**
Description: 5.08mm (.200") Pitch Eurostyle™ Vertical Fixed Mount PCB Terminal Block, 7 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family Terminal Blocks
Series [39544](#)
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) 7
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

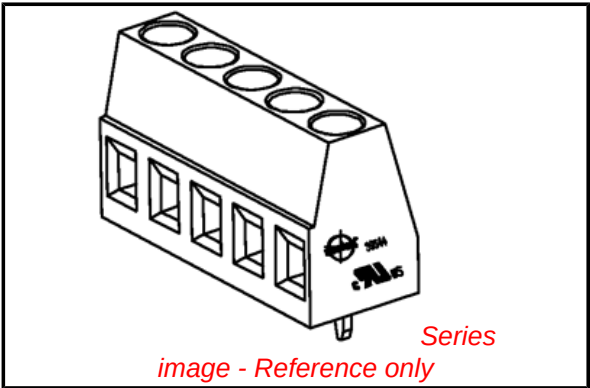
Solder Process Data

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**

China RoHS

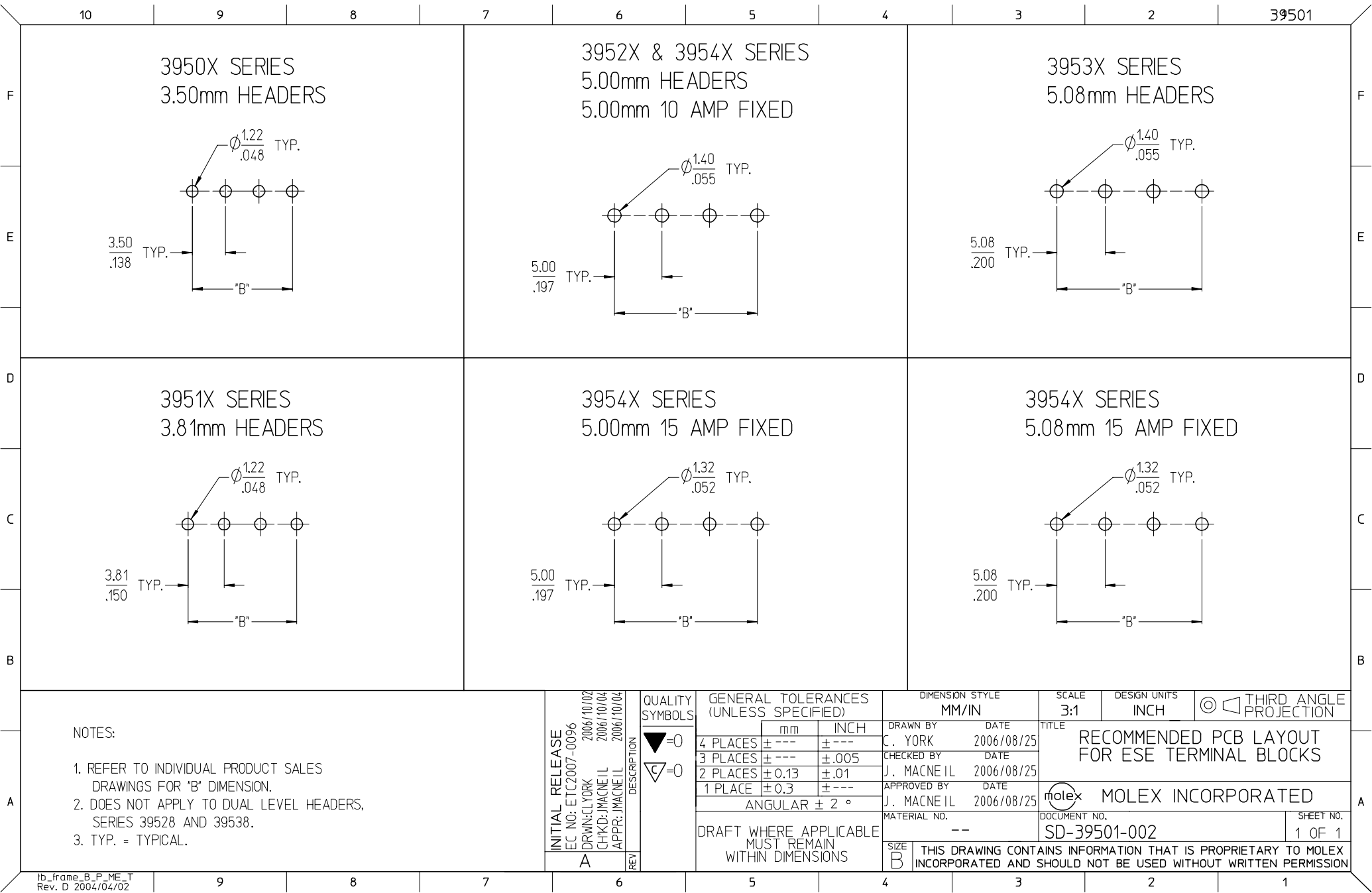


**Need more information on product
environmental compliance?**

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](#)



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.

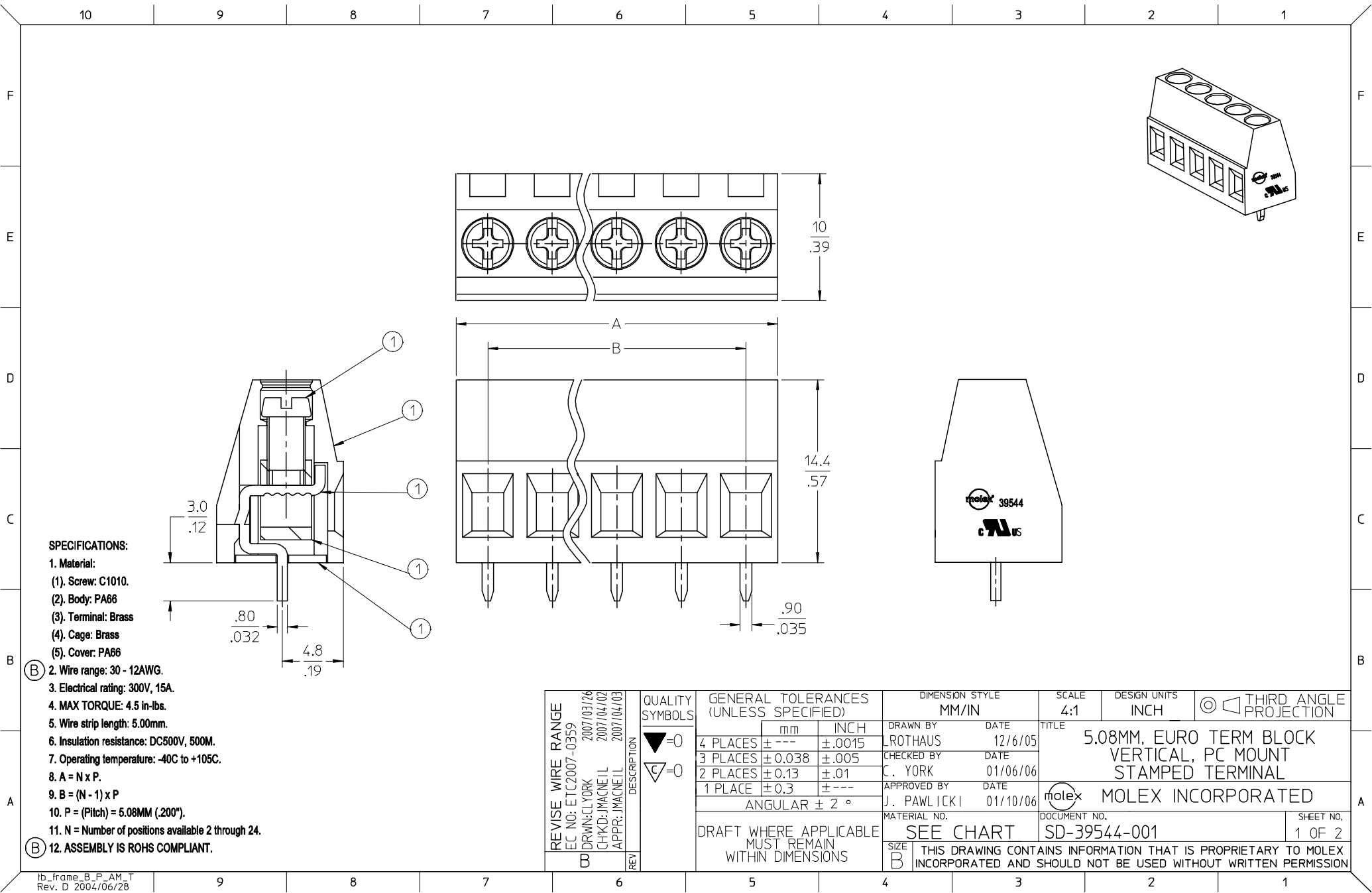
INITIAL RELEASE	EC NO: ETC2007-0096	2006/10/02
	DRWN: C.YORK	2006/10/04
	CHKD: J.MACNEIL	2006/10/04
	APPR: J.MACNEIL	2006/10/04
DESCRIPTION		
REV		
A		

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	± ---
3 PLACES	± ---
2 PLACES	± 0.13
1 PLACE	± 0.3
ANGULAR ± 2 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
C. YORK	2006/08/25
CHECKED BY	DATE
J. MACNEIL	2006/08/25
APPROVED BY	DATE
J. MACNEIL	2006/08/25
MATERIAL NO.	
--	
SIZE	
B	

SCALE 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
RECOMMENDED PCB LAYOUT FOR ESE TERMINAL BLOCKS		
molex MOLEX INCORPORATED		
DOCUMENT NO. SD-39501-002		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX 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.

REVISE WIRE RANGE	DESCRIPTION
EC NO: ETC2007-0359	2007/03/26
DRWN:CLYORK	2007/04/02
CHKD:IMACNEIL	2007/04/03
APPR:IMACNEIL	

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN	4:1	INCH	
DRAWN BY	DATE	TITLE	
LROTHAUS	12/6/05	5.08MM, EURO TERM BLOCK VERTICAL, PC MOUNT STAMPED TERMINAL	
CHECKED BY	DATE		
C. YORK	01/06/06		
APPROVED BY	DATE		
J. PAWLICKI	01/10/06		
MATERIAL NO.			
SEE CHART			

MOLEX 39544	MOLEX INCORPORATED
SD-39544-001	1 OF 2
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