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Part Number: [0395161005](#)
Status: **Active**
Description: 3.81mm (.150") Pitch Eurostyle™ Horizontal PCB Header, with Threaded Retention Inserts, 5 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-39500-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

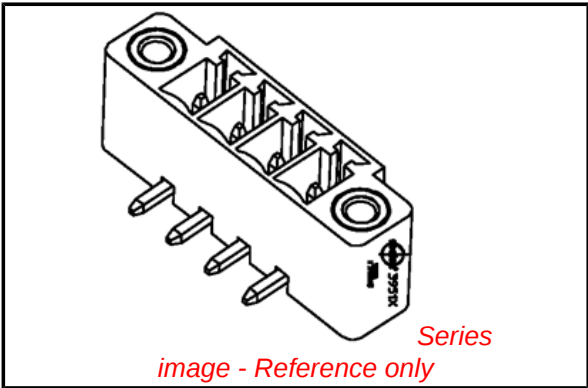
General
Product Family Terminal Blocks
Series [39516](#)
Application Wire-to-Board
Component Type PCB Header
Product Literature Order No USA-355
Product Name ESE, Eurostyle™ Pluggable
Type Euro Block

Physical
Circuits (Loaded) 5
Entry Angle N/A
Lock to Mating Part Yes
Number of Rows 1
Orientation Horizontal
PC Tail Length (in) 0.138 In
PC Tail Length (mm) 3.50 mm
PCB Thickness Recommended (in) 0.098 In
PCB Thickness Recommended (mm) 2.50 mm
Panel Mount No
Pitch - Mating Interface (in) 0.150 In
Pitch - Mating Interface (mm) 3.81 mm
Polarized to Mating Part Yes
Shrouded Fully
Stackable No
Temperature Range - Operating -40°C to +105°C
Wire Size AWG N/A

Electrical
Current - Maximum per Contact 8A
Voltage - Maximum 300V

Material Info

Reference - Drawing Numbers
Product Specification PS-39500-001
Sales Drawing SD-39501-002, SD-39516-001



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

China RoHS

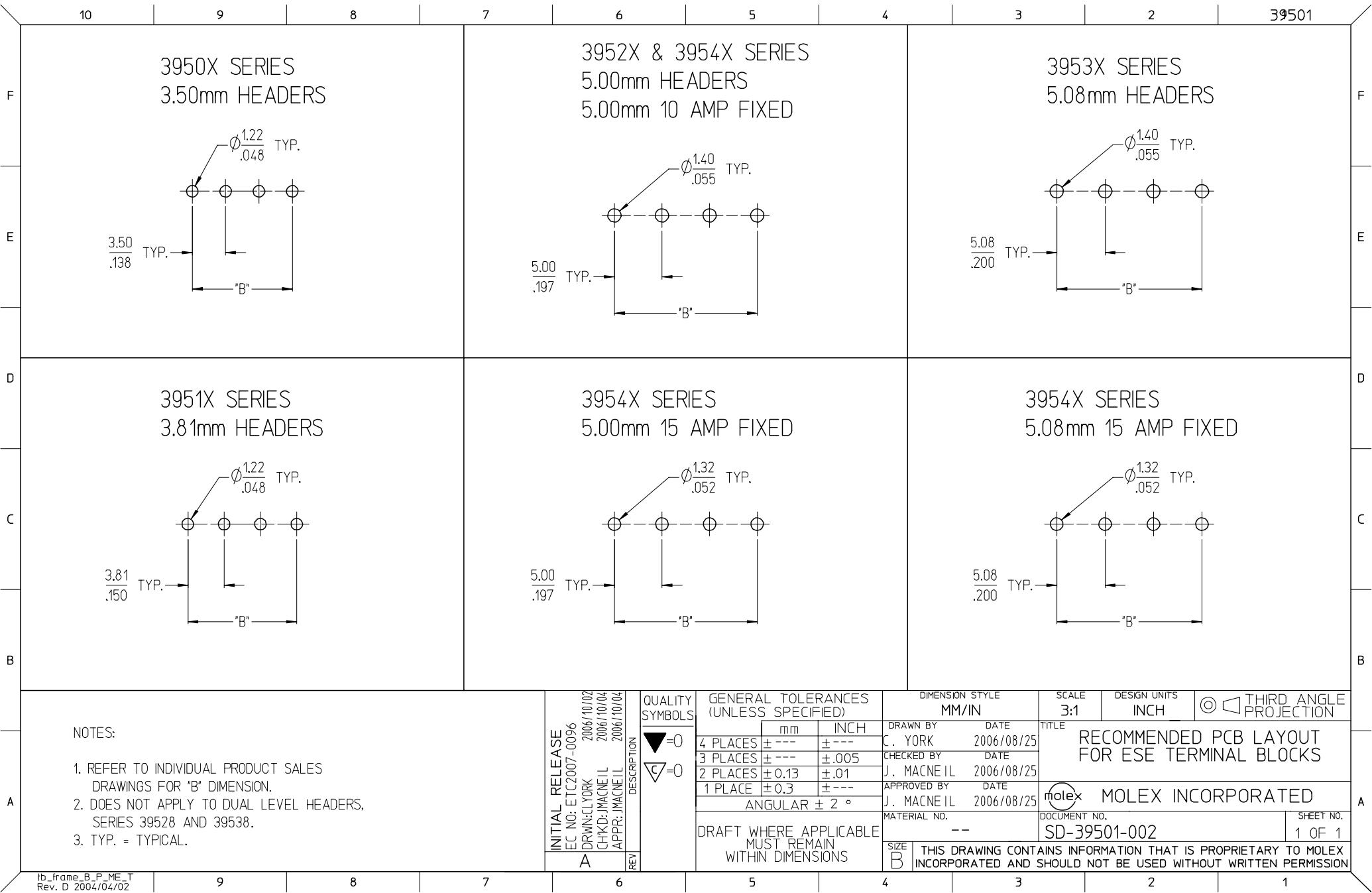


Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[39516Series](#)

Mates With
Most 3.81mm (.150") Pitch Industry Standard Plugs, [39517](#) Vertical Plug with Retention Screws, [39514](#) Horizontal Plug with Retention Screws

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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.

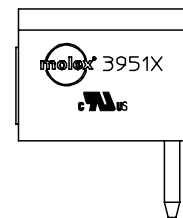
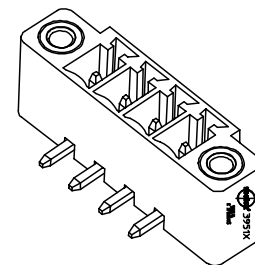
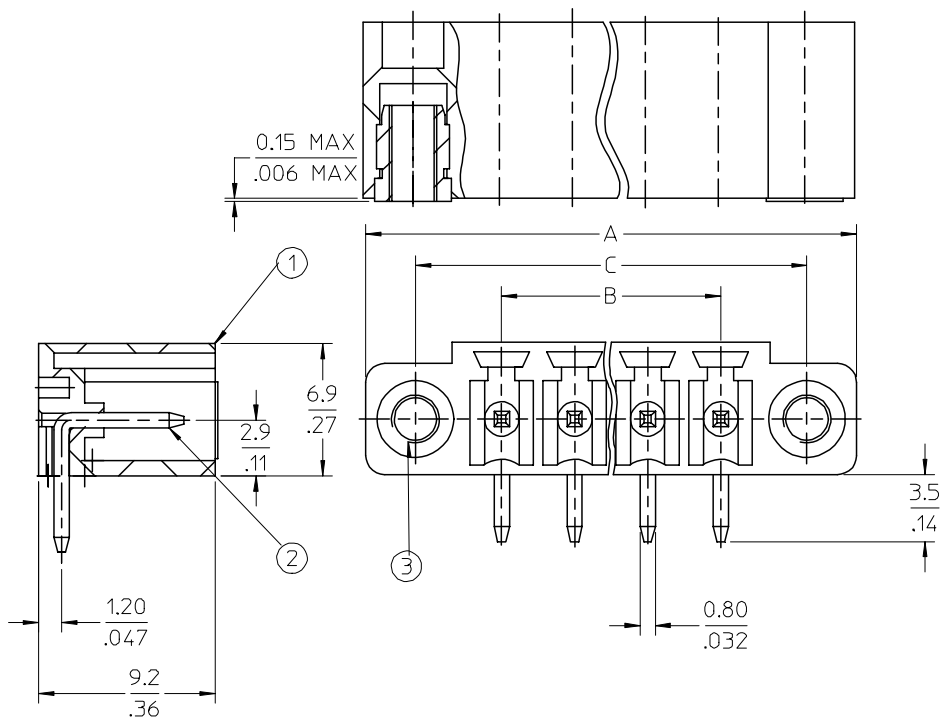
INITIAL RELEASE
EC NO: ETC2007-0096
DRWN: CLYORK 2006/10/02
CHKD: JMACNEIL 2006/10/04
APPR: JMACNEIL 2006/10/04
A

QUALITY SYMBOLS
▽=0
▽=0
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES	± .005
3 PLACES	± .01
2 PLACES	± .01
1 PLACE	± .01
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.	
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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		SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



SPECIFICATIONS:

- Material:
 - Body: PA66
 - Terminal: Brass
 - Threaded Insert: Brass
- Wire range: N/A
- Electrical rating: 300V, 8A.
- Max Torque: N/A.
- Wire strip length: N/A.
- Operating temperature: -40C to +105C.
- $A = (N \times P) + 10.39\text{MM}$
- $B = (N - 1) \times P$
- $C = (B + 9.0\text{MM})$
- $P \text{ (PITCH)} = 3.81\text{MM} (.150")$.
- $N = \text{Number of positions available 2 through 20.}$

RELEASED EC NO: NEO2006-0310 DRWN: LROTHAUS 2006/01/09 CHKD: CYORK 2006/01/09 APPR: JPANLICK 2006/01/10 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 					
				mm	INCH	DRAWN BY LROTHAUS	DATE 10/7/05	TITLE 3.81MM, EURO HEADER RIGHT ANGLE, MOUNTING						
			4 PLACES	± ---	±.0015	CHECKED BY C. YORK	DATE 01/06/06							
			3 PLACES	± 0.038	±.005	APPROVED BY	DATE							
			2 PLACES	± 0.13	±.01	MOLEX MOLEX INCORPORATED		DOCUMENT NO. SD-39516-001					SHEET NO. 1 OF 1	
			1 PLACE	± 0.3	± ---									
			ANGULAR ± 2 °		MATERIAL NO. SEE CHART									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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