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Part Number: [0395310012](#)
Status: **Active**
Description: 5.08mm (.200") Pitch Eurostyle™ Vertical PCB Header, Open Ends, 12 Circuits

Documents:

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

General

Product Family	Terminal Blocks
Series	39531
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)	12
Entry Angle	N/A
Lock to Mating Part	Yes
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.200 In
PC Tail Length (mm)	5.08 mm
PCB Thickness Recommended (in)	0.125 In
PCB Thickness Recommended (mm)	5.08 mm
Panel Mount	No
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Polarized to Mating Part	Yes
Shrouded	Open Ends
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Wire Size AWG	N/A

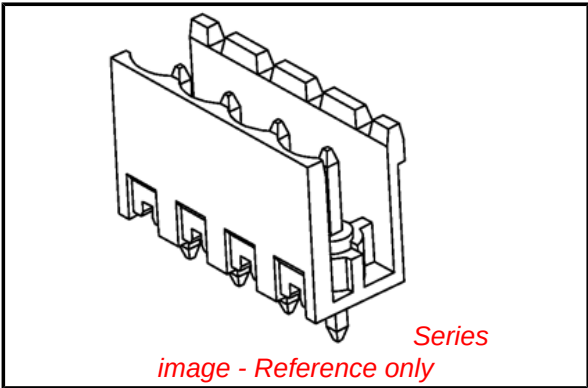
Electrical

Current - Maximum per Contact	15A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Product Specification	PS-39500-001
Sales Drawing	SD-39501-002, SD-39531-003



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](#)

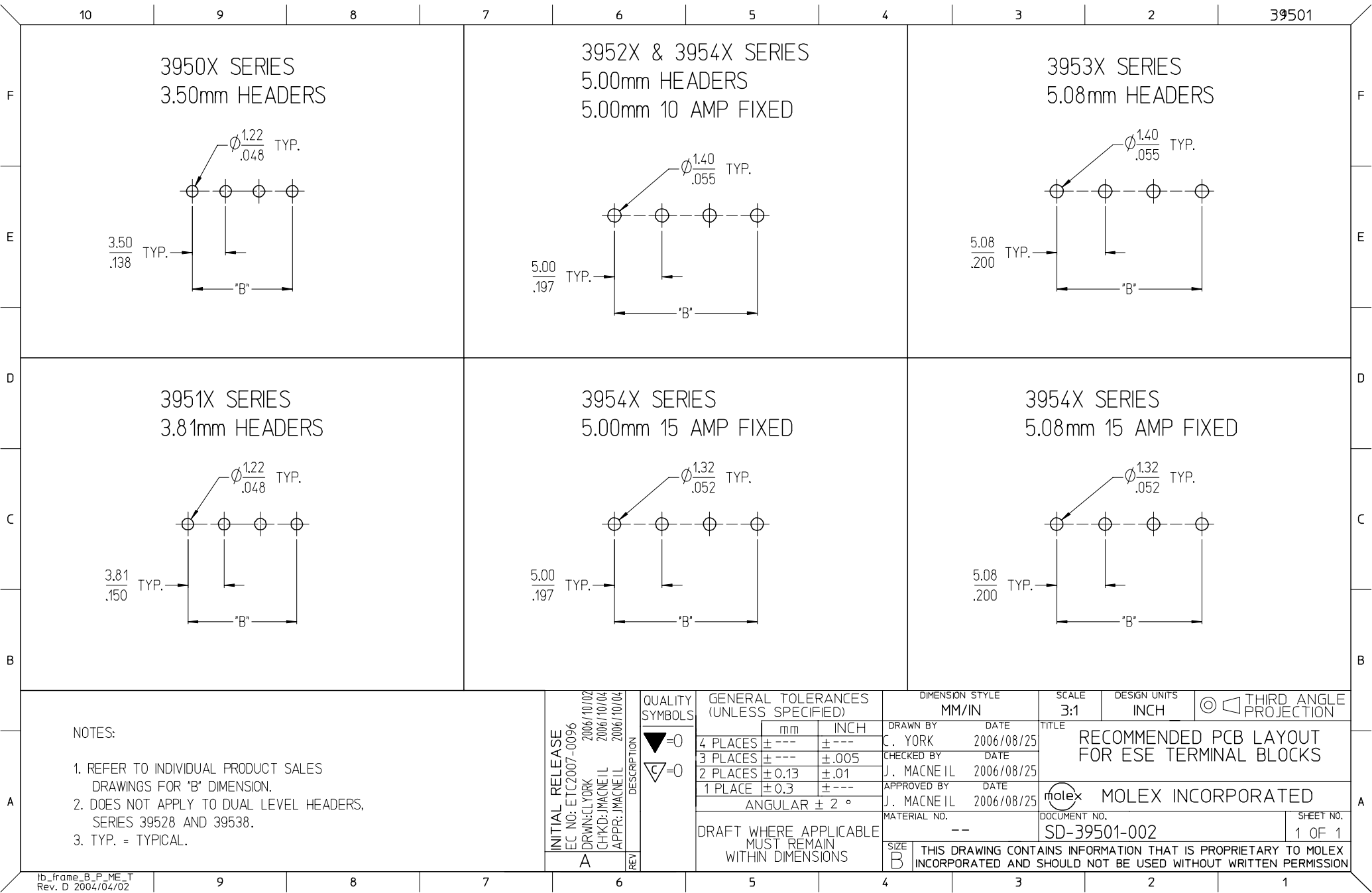
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[39531](#)Series

Mates With

[39530](#) Horizontal Plug, [39533](#) Vertical
Plug, Most 5.08mm (.200") Pitch Industry
Standard Plugs



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.

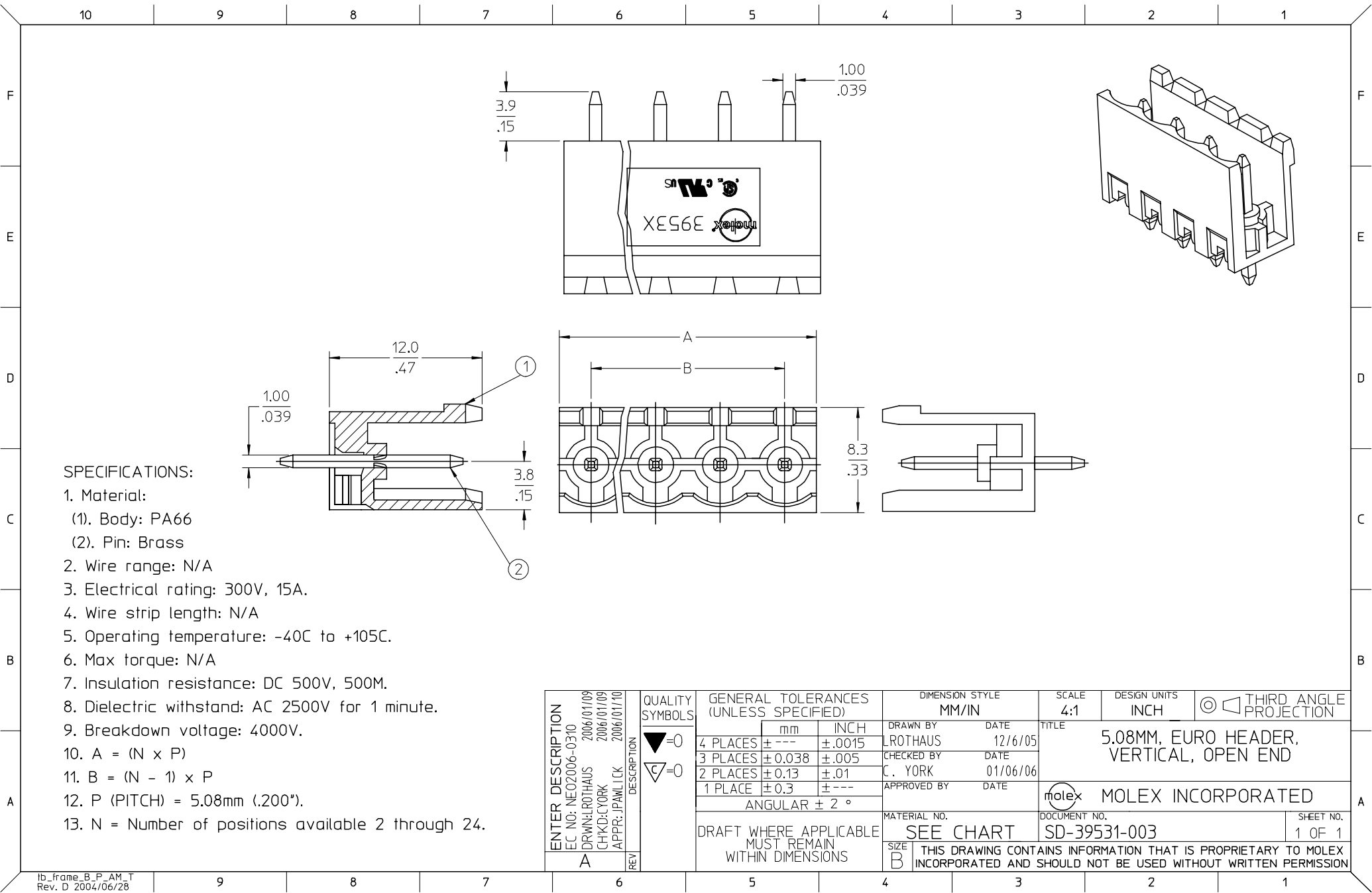
INITIAL RELEASE	EC NO: ETC2007-0096	2006/10/02
	DRWN: CLYORK	2006/10/04
	CHKD: JMACNEIL	2006/10/04
	APPR: JMACNEIL	2006/10/04
DESCRIPTION		
REV		
A		

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
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.	
--	
SIZE	
B	

SCALE 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
RECOMMENDED PCB LAYOUT FOR ESE TERMINAL BLOCKS		
 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
 - Pin: Brass
 - Wire range: N/A
 - Electrical rating: 300V, 15A.
 - Wire strip length: N/A
 - Operating temperature: -40C to +105C.
 - Max torque: N/A
 - Insulation resistance: DC 500V, 500M.
 - Dielectric withstand: AC 2500V for 1 minute.
 - Breakdown voltage: 4000V.
 - $A = (N \times P)$
 - $B = (N - 1) \times P$
 - P (PITCH) = 5.08mm (.200").
 - N = Number of positions available 2 through 24.

ENTER DESCRIPTION EC NO: NEO2006-0310 DRAWN: LROTHAUS 2006/01/09 CHKD: CYORK 2006/01/09 APPR: JPAMLIK 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
						DRAWN BY LROTHAUS	DATE 12/6/05	TITLE 5.08MM, EURO HEADER, VERTICAL, OPEN END		
						CHECKED BY C. YORK	DATE 01/06/06			
						APPROVED BY	DATE			
						MATERIAL NO. SEE CHART		DOCUMENT NO. SD-39531-003		SHEET NO. 1 OF 1
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

AA