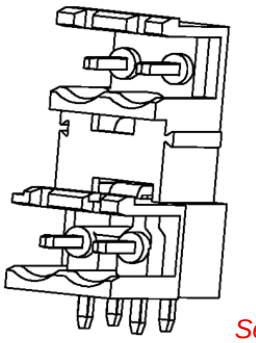
This document was generated on 04/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0395380010

Status: Active

Description: 5.08mm (.200") Pitch Eurostyle™ Horizontal Dual Level PCB Header, Open Ends, 10 Circuits



Series image - Reference only

Documents:

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

General

Product Family	Terminal Blocks
Series	39538
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)	10
Entry Angle	N/A
Lock to Mating Part	Yes
Number of Rows	2
Orientation	Horizontal
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Thickness Recommended (in)	0.120 In
PCB Thickness Recommended (mm)	3.00 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	Yes
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

Sales Drawing	SD-39538-001

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.

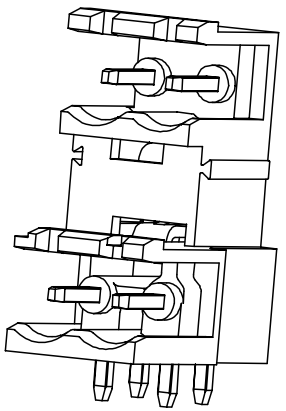
Search Parts in this Series
39538Series

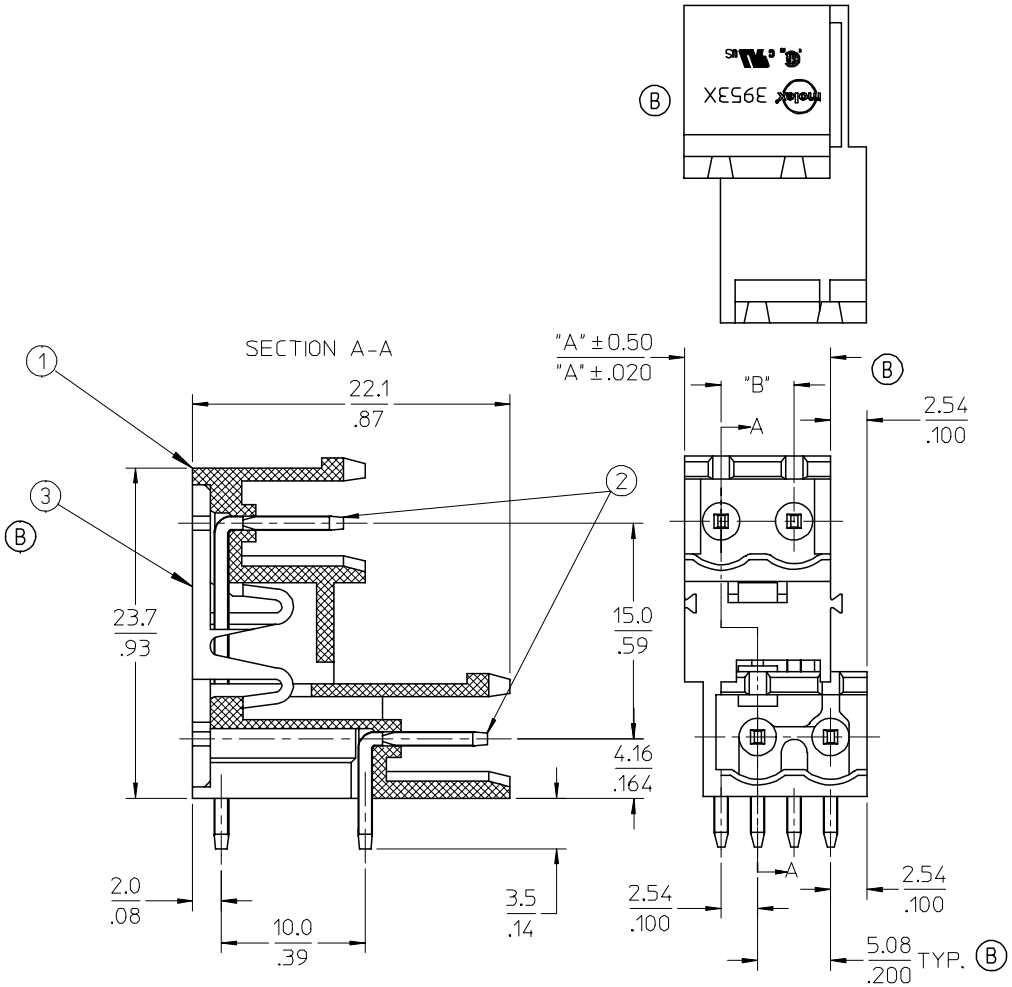
Mates With
39530 Horizontal Plug, 39533 Vertical Plug, Most 5.08mm (.200") Pitch Industry Standard Plugs

This document was generated on 04/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

39538





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SPECIFICATIONS:

1. MATERIAL:
   (1) BODY: PA66 (UL 94V-0).
   (2) PIN: BRASS.
   (3) COVER: PBT (UL 94V-0).
2. ELECTRICAL RATING: 300V, 15A.
3. DIELECTRIC WITHSTAND: AC 2500V FOR 1 MINUTE.
4. BREAKDOWN VOLTAGE: 4000V.
5. INSULATION RESISTANCE: DC 1000V, 1000 MEGOHMS.
6. OPERATING TEMPERATURE: -40°C TO +105°C.
7. NUMBER OF CIRCUIT POSITIONS AVAILABLE= 4 THROUGH 48, EVEN NUMBERED CIRCUIT SIZES ONLY.
8. ALL COMPONENTS ARE ROHS COMPLIANT.

REVISED/VOID #'S			DESCRIPTION
EC NO: ETC2007-0020			
DRWN: CYORK	2006/07/25		
CH'KD: JPAWLICKI	2006/07/25		
APPR: JPAWLICK	2006/07/26		
B			REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

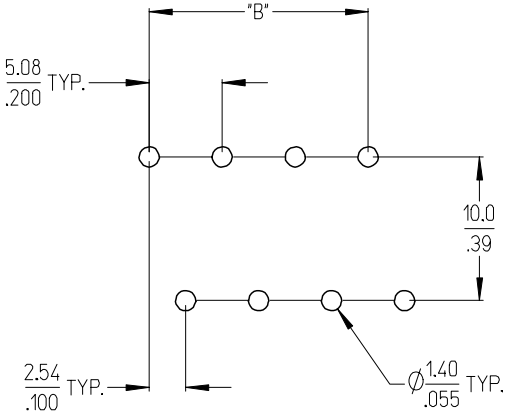
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM/IN
SCALE	3:1
DESIGN UNITS	INCH
	THIRD ANGLE PROJECTION
DRAWN BY	L. ROTHAUS
DATE	2005/12/06
CHECKED BY	C. YORK
DATE	2006/01/06
APPROVED BY	J. PAWLICKI
DATE	2006/01/10
TITLE	5.08MM, EURO DUAL HEADER HORIZONTAL, OPEN END, STACKABLE
	molex MOLEX INCORPORATED
MATERIAL NO.	SEE SHEET 2
DOCUMENT NO.	SD-39538-001
SHEET NO.	1 OF 2
SIZE	B

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

Circuit size	Material Numbers				Dimensional Information			
	Black		Green		Dim. A		Dim B	
	100% Tin	30 u" Gold	100% Tin	30 u" Gold	mm	inch	mm	inch
4	395380004	395380504	395385004	395385504	10.16	0.400	5.08	0.200
6	395380006	395380506	395385006	395385506	15.24	0.600	10.16	0.400
8	395380008	395380508	395385008	395385508	20.32	0.800	15.24	0.600
10	395380010	395380510	395385010	395385510	25.40	1.000	20.32	0.800
12	395380012	395380512	395385012	395385512	30.48	1.200	25.40	1.000
14	395380014	395380514	395385014	395385514	35.56	1.400	30.48	1.200
16	395380016	395380516	395385016	395385516	40.64	1.600	35.56	1.400
18	395380018	395380518	395385018	395385518	45.72	1.800	40.64	1.600
20	395380020	395380520	395385020	395385520	50.80	2.000	45.72	1.800
22	395380022	395380522	395385022	395385522	55.88	2.200	50.80	2.000
24	395380024	395380524	395385024	395385524	60.96	2.400	55.88	2.200
26	395380026	395380526	395385026	395385526	66.04	2.600	60.96	2.400
28	395380028	395380528	395385028	395385528	71.12	2.800	66.04	2.600
30	395380030	395380530	395385030	395385530	76.20	3.000	71.12	2.800
32	395380032	395380532	395385032	395385532	81.28	3.200	76.20	3.000
34	395380034	395380534	395385034	395385534	86.36	3.400	81.28	3.200
36	395380036	395380536	395385036	395385536	91.44	3.600	86.36	3.400
38	395380038	395380538	395385038	395385538	96.52	3.800	91.44	3.600
40	395380040	395380540	395385040	395385540	101.60	4.000	96.52	3.800
42	395380042	395380542	395385042	395385542	106.68	4.200	101.60	4.000
44	395380044	395380544	395385044	395385544	111.76	4.400	106.68	4.200
46	395380046	395380546	395385046	395385546	116.84	4.600	111.76	4.400
48	395380048	395380548	395385048	395385548	121.92	4.800	116.84	4.600
	(B)	(B)	(B)	(B)				



(B) RECOMMENDED PCB LAYOUT

SEE SHEET 1
EC NO: ETC2007-0020 2006/07/25
DRWN:CYORK 2006/07/25
CH'KD:JPAWLICKI 2006/07/26
APPR:JPAWLICK
DESCRIPTION
REV
B

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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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: LROTHAUS DATE: 2005/12/06
CHECKED BY: C. YORK DATE: 2006/01/05
APPROVED BY: J. PAWLICKI DATE: 2006/01/10

TITLE: 5.08MM, EURO DUAL HEADER HORIZONTAL, OPEN END, STACKABLE

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39538-001
SHEET NO.: 2 OF 2

SIZE: B

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