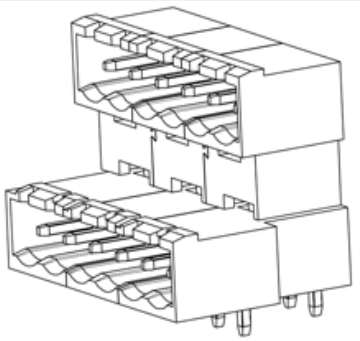
This document was generated on 04/22/2010

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Part Number: 0395281012

Status: Active

Description: 5.00mm (.197") Pitch Eurostyle™ Horizontal PCB Dual Level Header, Closed Ends, 12 Circuits



Series image - Reference only

Documents:

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

General

Product Family	Terminal Blocks
Series	39528
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	2
Orientation	Horizontal
PC Tail Length (in)	0.197 In
PC Tail Length (mm)	5.00 mm
PCB Thickness Recommended (in)	0.120 In
PCB Thickness Recommended (mm)	5.00 mm
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Shrouded	Closed 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-39528-002

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

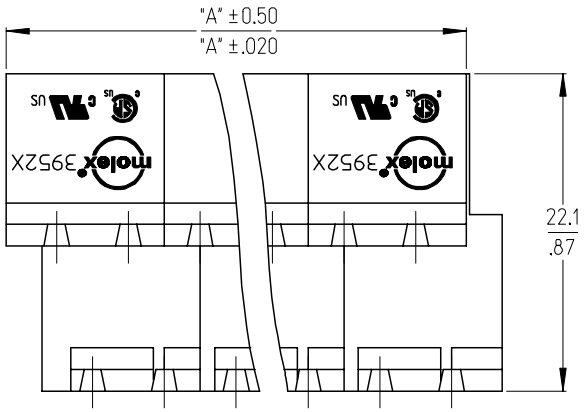
Please visit the Contact Us section for any non-product compliance questions.

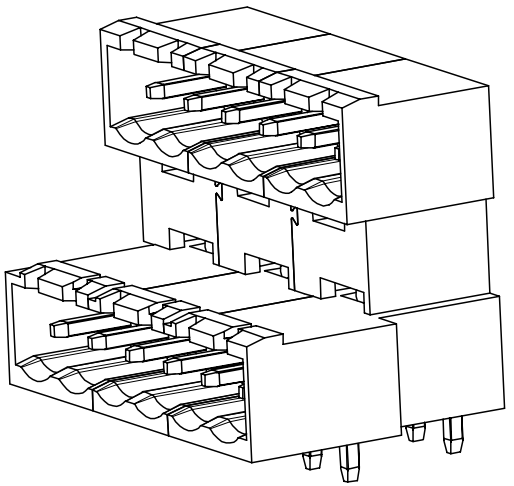
Search Parts in this Series
39528Series

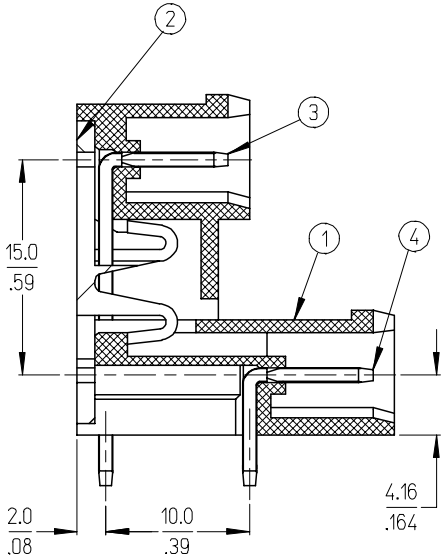
Mates With
39520 Horizontal Plug, 39523 Vertical Plug, Most 5.00mm (.197") Pitch Industry Standard Plugs

This document was generated on 04/22/2010

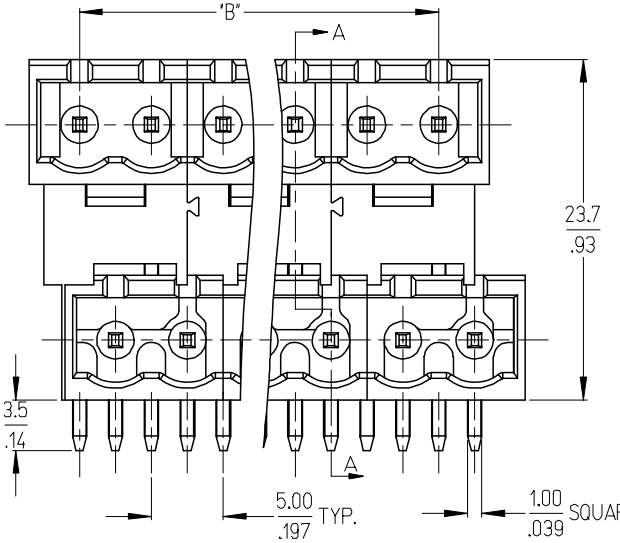
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION







SECTION A-A



SPECIFICATIONS:

1. MATERIAL:
   (1) BODY: PA66 (UL 94V-0).
   (2) COVER: PBT (UL 94V-0).
   (3) LONG TERMINAL: BRASS.
   (4) SHORT TERMINAL: BRASS.
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.

REV	DESCRIPTION
A	INITIAL RELEASE EC NO: ETC2007-0020 2006/07/25 DRWN:CYORK 2006/07/25 CH'KD:JPAWLICKI 2006/07/26 APPR:JPAWLICK

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

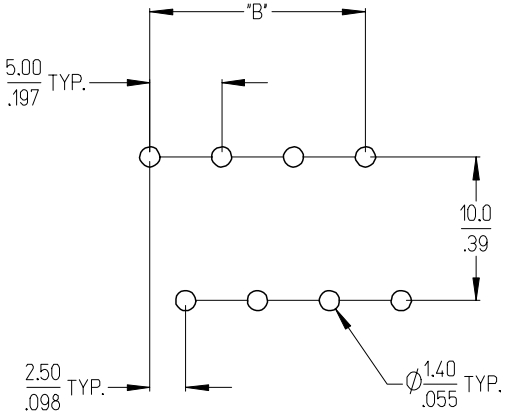
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		

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	2006/07/24
CHECKED BY	J. PAWLICKI
DATE	2006/07/24
APPROVED BY	J. PAWLICKI
DATE	2006/07/24
TITLE	5.0MM, EURO DUAL HEADER, HORIZONTAL, CLOSED END, STACKABLE
	MOLEX INCORPORATED
MATERIAL NO.	SEE SHEET 2
DOCUMENT NO.	SD-39528-002
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	395281004	395281504	395286004	395286504	12.00	0.472	5.00	0.197
6	395281006	395281506	395286006	395286506	17.00	0.669	10.00	0.394
8	395281008	395281508	395286008	395286508	22.00	0.866	15.00	0.591
10	395281010	395281510	395286010	395286510	27.00	1.063	20.00	0.787
12	395281012	395281512	395286012	395286512	32.00	1.260	25.00	0.984
14	395281014	395281514	395286014	395286514	37.00	1.457	30.00	1.181
16	395281016	395281516	395286016	395286516	42.00	1.654	35.00	1.378
18	395281018	395281518	395286018	395286518	47.00	1.850	40.00	1.575
20	395281020	395281520	395286020	395286520	52.00	2.047	45.00	1.772
22	395281022	395281522	395286022	395286522	57.00	2.244	50.00	1.969
24	395281024	395281524	395286024	395286524	62.00	2.441	55.00	2.165
26	395281026	395281526	395286026	395286526	67.00	2.638	60.00	2.362
28	395281028	395281528	395286028	395286528	72.00	2.835	65.00	2.559
30	395281030	395281530	395286030	395286530	77.00	3.031	70.00	2.756
32	395281032	395281532	395286032	395286532	82.00	3.228	75.00	2.953
34	395281034	395281534	395286034	395286534	87.00	3.425	80.00	3.150
36	395281036	395281536	395286036	395286536	92.00	3.622	85.00	3.346
38	395281038	395281538	395286038	395286538	97.00	3.819	90.00	3.543
40	395281040	395281540	395286040	395286540	102.00	4.016	95.00	3.740
42	395281042	395281542	395286042	395286542	107.00	4.213	100.00	3.937
44	395281044	395281544	395286044	395286544	112.00	4.409	105.00	4.134
46	395281046	395281546	395286046	395286546	117.00	4.606	110.00	4.331
48	395281048	395281548	395286048	395286548	122.00	4.803	115.00	4.528



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
A

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: 2006/07/24
CHECKED BY: J. PAWLICKI DATE: 2006/07/24
APPROVED BY: J. PAWLICKI DATE: 2006/07/24

TITLE: 5.0MM, EURO DUAL HEADER, HORIZONTAL, CLOSED END, STACKABLE

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39528-002
SHEET NO.: 2 OF 2
SIZE: B

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