This document was generated on 04/23/2010

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Part Number: 0395233012

Status: Active

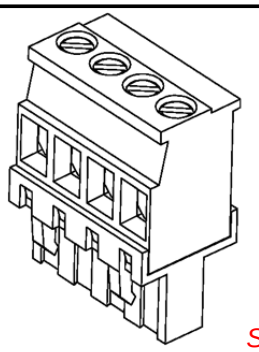
Description: 5.00mm (.197") Pitch Eurostyle™ Vertical Plug, Front Wire Entry, 12 Circuits

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-39500-001 (PDF)



Series image - Reference only

General

Product Family	Terminal Blocks
Series	39523
Application	Wire-to-Board
Comments	Front Wire Entry
Component Type	Plug
Product Literature Order No	USA-355
Product Name	ESE, Eurostyle™Pluggable
Type	Euro Block

Physical

Circuits (Loaded)	12
Entry Angle	Horizontal
Lock to Mating Part	Yes
Number of Rows	1
Orientation	Vertical
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Wire Size AWG	12, 14, 16, 18, 20, 22, 24, 26
Wire Size mm²	0.13 - 3.31

Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-39500-001
Sales Drawing	SD-39523-001

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

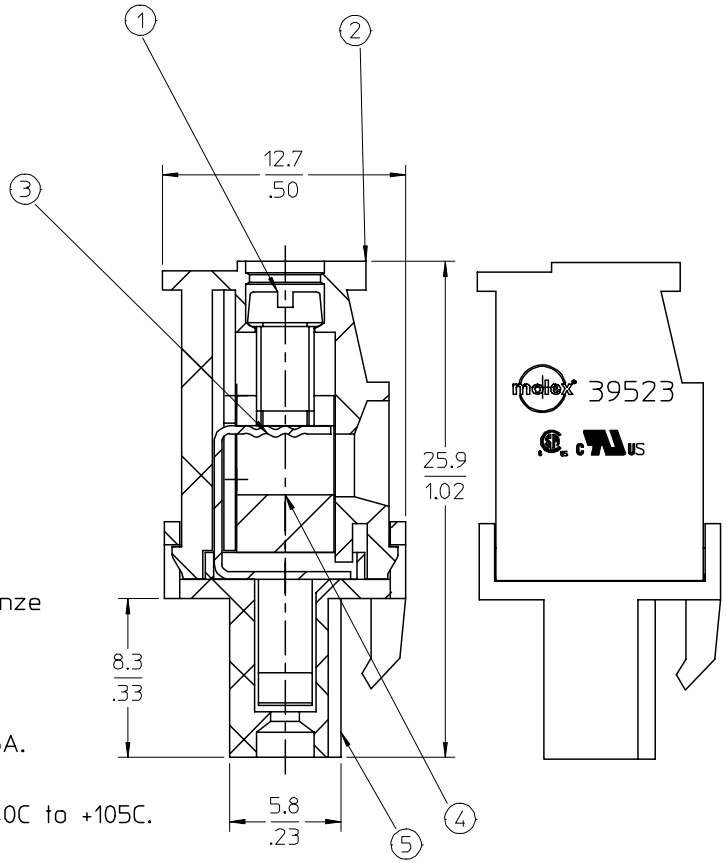
Please visit the Contact Us section for any non-product compliance questions.

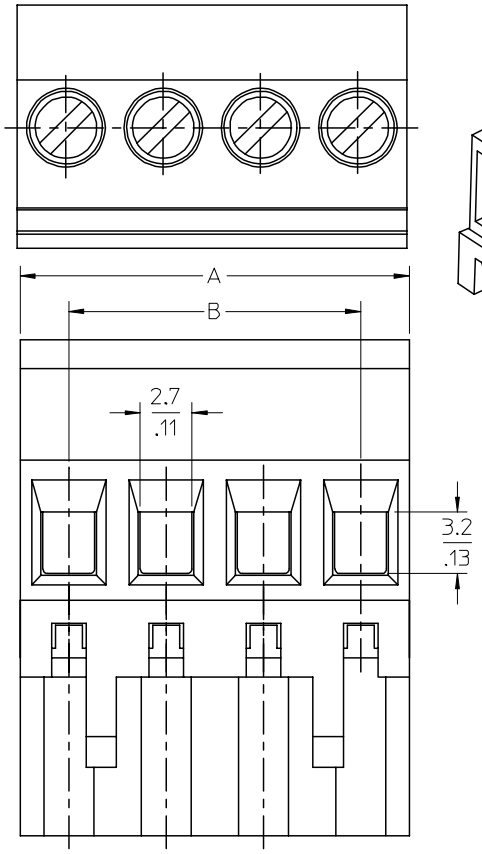
Search Parts in this Series
39523Series

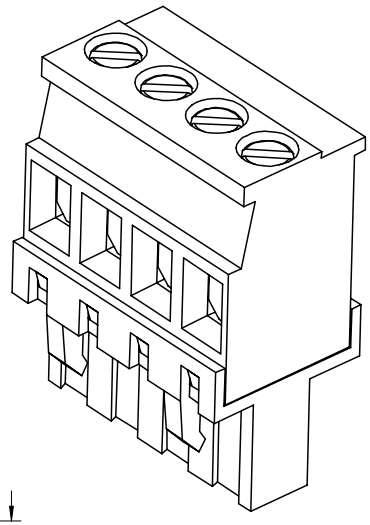
Mates With
39521 Vertical PCB Header, 39522 Horizontal PCB Header, Most 5.00mm (.197") Pitch Industry Standard PCB Headers, 39528 Dual Level PCB Header, Open Ends

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SPECIFICATIONS:

1. Material:
   (1). Screw: Steel
   (2). Body: PA66
   (3). Terminal: Phosphor Bronze
   (4). Cage: Brass
   (5). Cover: PA66
2. Wire range: 12 - 26 AWG
3. Electrical rating: 300V, 15A.
4. Wire strip length: 5.0mm.
5. Operating temperature: -40C to +105C.
6. Max torque: 5 In Lbs.
7. Insulation resistance: DC 500V, 500M.
8. Dielectric withstand: AC 2500V for 1 minute.
9. Breakdown voltage: 4000V.
10. Contact resistance: <10 mW.
11. A = (N x P)
12. B = (N - 1) x P
13. P (PITCH) = 5.0mm (.197").
14. N = Number of positions available 2 through 24.

ENTER DESCRIPTION
EC NO: NEO2006-0310 2006/01/09
DRWN:LROTHAUS 2006/01/09
CH'KD:CYORK 2006/01/10
APPR: JPAWLICK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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: MM/IN
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: LROTHAUS DATE: 12/6/05
CHECKED BY: C. YORK DATE: 01/06/06
APPROVED BY: DATE:

TITLE: 5.0MM, EURO PLUG, VERTICAL, REAR WIRE ENTRY

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39523-001
SHEET NO.: 1 OF 1
SIZE: B

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

Description	Circuit size	Material Numbers												Dimensional Information			
		Black						Green									
		100% Tin			30 u" Gold			100% Tin			30 u" Gold						
		Printing Options			Printing Options			Printing Options			Printing Options			Dim. A		Dim B	
		None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	mm	inch	mm	inch
5.0mm, Euro Plug, Vertical, Rear Wire Entry	2	395233002	395233302	395233402	395233502	395233802	395233902	395238002	395238302	395238402	395238502	395238802	395238902	10.00	0.394	5.00	0.197
5.0mm, Euro Plug, Vertical, Rear Wire Entry	3	395233003	395233303	395233403	395233503	395233803	395233903	395238003	395238303	395238403	395238503	395238803	395238903	15.00	0.591	10.00	0.394
5.0mm, Euro Plug, Vertical, Rear Wire Entry	4	395233004	395233304	395233404	395233504	395233804	395233904	395238004	395238304	395238404	395238504	395238804	395238904	20.00	0.787	15.00	0.591
5.0mm, Euro Plug, Vertical, Rear Wire Entry	5	395233005	395233305	395233405	395233505	395233805	395233905	395238005	395238305	395238405	395238505	395238805	395238905	25.00	0.984	20.00	0.787
5.0mm, Euro Plug, Vertical, Rear Wire Entry	6	395233006	395233306	395233406	395233506	395233806	395233906	395238006	395238306	395238406	395238506	395238806	395238906	30.00	1.181	25.00	0.984
5.0mm, Euro Plug, Vertical, Rear Wire Entry	7	395233007	395233307	395233407	395233507	395233807	395233907	395238007	395238307	395238407	395238507	395238807	395238907	35.00	1.378	30.00	1.181
5.0mm, Euro Plug, Vertical, Rear Wire Entry	8	395233008	395233308	395233408	395233508	395233808	395233908	395238008	395238308	395238408	395238508	395238808	395238908	40.00	1.575	35.00	1.378
5.0mm, Euro Plug, Vertical, Rear Wire Entry	9	395233009	395233309	395233409	395233509	395233809	395233909	395238009	395238309	395238409	395238509	395238809	395238909	45.00	1.772	40.00	1.575
5.0mm, Euro Plug, Vertical, Rear Wire Entry	10	395233010	395233310	395233410	395233510	395233810	395233910	395238010	395238310	395238410	395238510	395238810	395238910	50.00	1.969	45.00	1.772
5.0mm, Euro Plug, Vertical, Rear Wire Entry	11	395233011	395233311	395233411	395233511	395233811	395233911	395238011	395238311	395238411	395238511	395238811	395238911	55.00	2.165	50.00	1.969
5.0mm, Euro Plug, Vertical, Rear Wire Entry	12	395233012	395233312	395233412	395233512	395233812	395233912	395238012	395238312	395238412	395238512	395238812	395238912	60.00	2.362	55.00	2.165
5.0mm, Euro Plug, Vertical, Rear Wire Entry	13	395233013	395233313	395233413	395233513	395233813	395233913	395238013	395238313	395238413	395238513	395238813	395238913	65.00	2.559	60.00	2.362
5.0mm, Euro Plug, Vertical, Rear Wire Entry	14	395233014	395233314	395233414	395233514	395233814	395233914	395238014	395238314	395238414	395238514	395238814	395238914	70.00	2.756	65.00	2.559
5.0mm, Euro Plug, Vertical, Rear Wire Entry	15	395233015	395233315	395233415	395233515	395233815	395233915	395238015	395238315	395238415	395238515	395238815	395238915	75.00	2.953	70.00	2.756
5.0mm, Euro Plug, Vertical, Rear Wire Entry	16	395233016	395233316	395233416	395233516	395233816	395233916	395238016	395238316	395238416	395238516	395238816	395238916	80.00	3.150	75.00	2.953
5.0mm, Euro Plug, Vertical, Rear Wire Entry	17	395233017	395233317	395233417	395233517	395233817	395233917	395238017	395238317	395238417	395238517	395238817	395238917	85.00	3.346	80.00	3.150
5.0mm, Euro Plug, Vertical, Rear Wire Entry	18	395233018	395233318	395233418	395233518	395233818	395233918	395238018	395238318	395238418	395238518	395238818	395238918	90.00	3.543	85.00	3.346
5.0mm, Euro Plug, Vertical, Rear Wire Entry	19	395233019	395233319	395233419	395233519	395233819	395233919	395238019	395238319	395238419	395238519	395238819	395238919	95.00	3.740	90.00	3.543
5.0mm, Euro Plug, Vertical, Rear Wire Entry	20	395233020	395233320	395233420	395233520	395233820	395233920	395238020	395238320	395238420	395238520	395238820	395238920	100.00	3.937	95.00	3.740
5.0mm, Euro Plug, Vertical, Rear Wire Entry	21	395233021	395233321	395233421	395233521	395233821	395233921	395238021	395238321	395238421	395238521	395238821	395238921	105.00	4.134	100.00	3.937
5.0mm, Euro Plug, Vertical, Rear Wire Entry	22	395233022	395233322	395233422	395233522	395233822	395233922	395238022	395238322	395238422	395238522	395238822	395238922	110.00	4.331	105.00	4.134
5.0mm, Euro Plug, Vertical, Rear Wire Entry	23	395233023	395233323	395233423	395233523	395233823	395233923	395238023	395238323	395238423	395238523	395238823	395238923	115.00	4.528	110.00	4.331
5.0mm, Euro Plug, Vertical, Rear Wire Entry	24	395233024	395233324	395233424	395233524	395233824	395233924	395238024	395238324	395238424	395238524	395238824	395238924	120.00	4.724	115.00	4.528

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39523-001
SHEET NO.: 2 OF 2

SIZE: B

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