

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0399400407

Status:

Active

Description:

5.08mm (.200") Pitch Beau™ EuroMate™ Pluggable PCB Terminal Block, Dual Level, 90° Wire Entry, with Retention Screws, 7 Circuits

Documents:

Drawing (PDF)

Product Specification PS-39940-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E48521

General

Product Family

Series

Application

Comments

Component Type

Product Literature Order No

Product Name

Type

Terminal Blocks

39940

Wire-to-Board

Gold plating available

Plug

USA-264

EuroMate™Pluggable

Euro Block

Physical

Circuits (Loaded)

Color - Resin

Entry Angle

Flammability

Lock to Mating Part

Material - Resin

Number of Rows

Orientation

PCB Retention

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Polarized to Mating Part

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

Wire Size AWG

Wire Size mm²

7

Black

Horizontal

94V-0

Yes

Nylon

2

Vertical

N/A

No

0.200 In

5.08 mm

0.200 In

5.08 mm

Yes

Tri-Barrier

No

130°C

Screw or Lug

12, 14, 16, 18, 20, 22

0.50 - 2.50

Electrical

Current - Maximum per Contact

Voltage - Maximum

15A

300V

Material Info

Old Part Number

946807

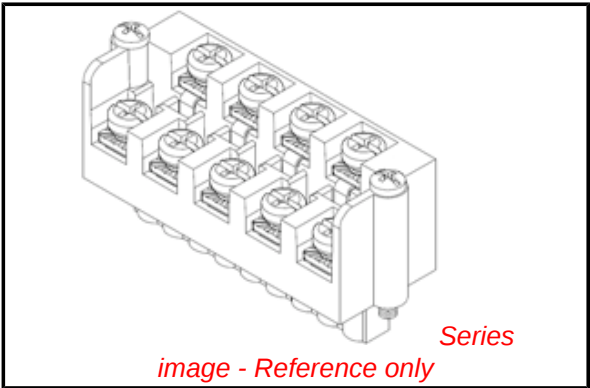
Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-39940-001

SD-39940-002



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](mailto: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

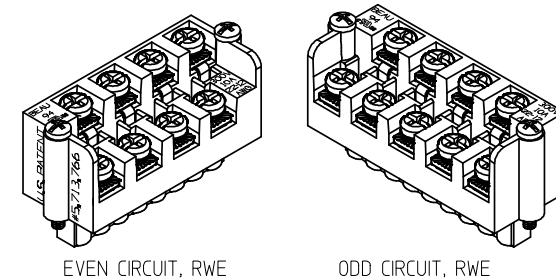
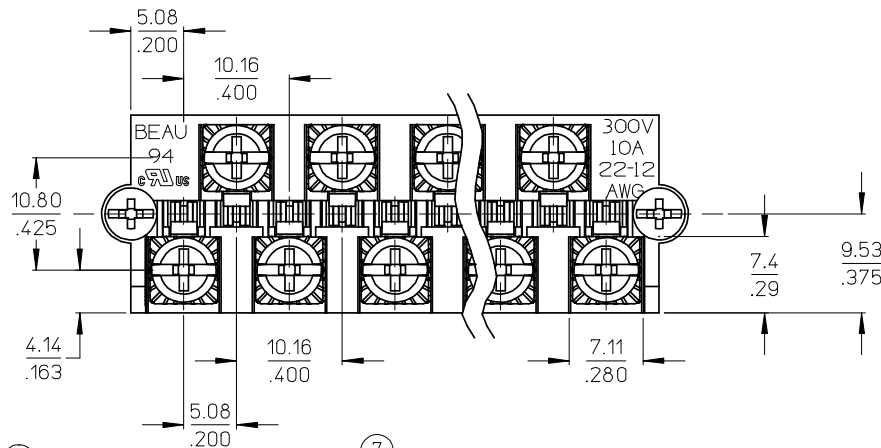
39940Series

Mates With

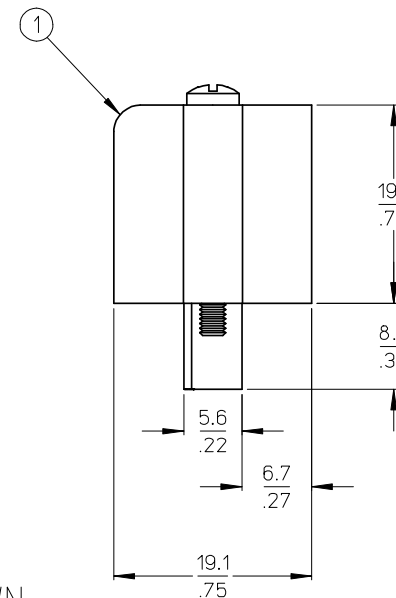
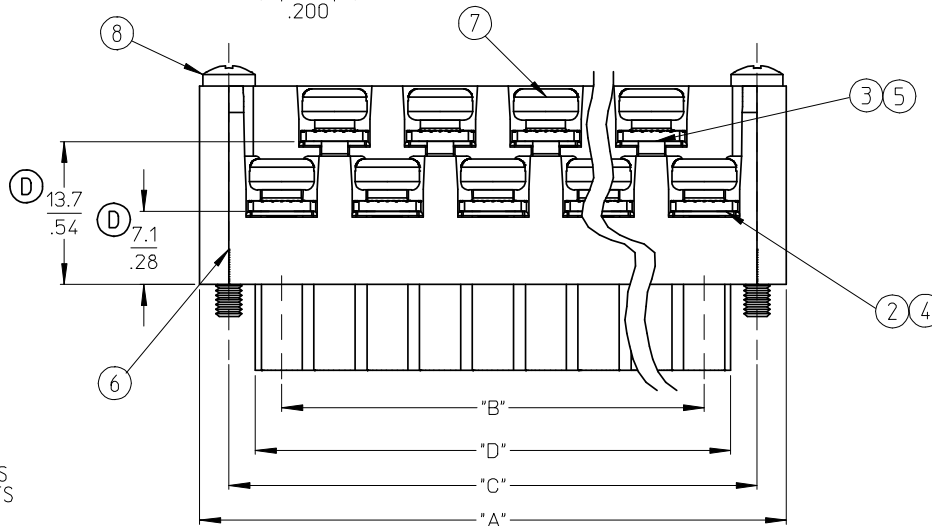
39535-0007 , 39535-4007 , 39536-0007 , 39536-4007

This document was generated on 05/13/2010

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AUXILIARY VIEWS  
SCALE 1:1



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: MOST 5.08 (.200) PIN HEADERS
6. "XX" REFERS TO THE QUANTITY OF CIRCUITS
7. ROHS COMPLIANT

D

ODD CIRCUIT CONFIGURATION SHOWN

|      |                                   |                                  |                                |               |                |
|------|-----------------------------------|----------------------------------|--------------------------------|---------------|----------------|
| 8    | 2                                 | 2                                | SCREW, MOUNTING, M2.5 X .450   | STEEL         | ZINC CHROMATE  |
| 7    | XX                                | XX                               | SCREW, M3.5 X .280             | STEEL         | ZINC CHROMATE  |
| 6    | XX                                | XX                               | NUT, M3.5, HEX                 | STEEL         | ZINC CHROMATE  |
| 5    | XX/2                              | (XX-1/2)                         | REAR ROW TERMINAL (-G30 OPT.)  | PHOS. BRONZE  | SELECTIVE GOLD |
| 4    | XX/2                              | (XX+1/2)                         | FRONT ROW TERMINAL (-G30 OPT.) | PHOS. BRONZE  | SELECTIVE GOLD |
| 3    | XX/2                              | (XX-1/2)                         | REAR ROW TERMINAL              | PHOS. BRONZE  | HOT TIN DIP    |
| 2    | XX/2                              | (XX+1/2)                         | FRONT ROW TERMINAL             | PHOS. BRONZE  | HOT TIN DIP    |
| 1    | 1                                 | 1                                | BARRIER                        | THERMOPLASTIC | BLACK          |
| ITEM | QTY.<br>(EVEN NO. OF<br>CIRCUITS) | QTY.<br>(ODD NO. OF<br>CIRCUITS) | DESCRIPTION                    | MATERIAL      | FINISH         |

REVISED & REDRAWN

EC NO: WNA2008-0391

DRWN: JENC INAS 2008/07/01

CHKD: CYORK 2008/07/02

APPR: JMACNEIL 2008/07/07

REV

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

4 PLACES ± --- ± ---

3 PLACES ± --- ± .005

2 PLACES ± 0.13 ± .01

1 PLACE ± 0.3 ± ---

ANGULAR ± 2 °

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

SEE SHEET 2

SD-39940-002

1 OF 2

1

2

3

4

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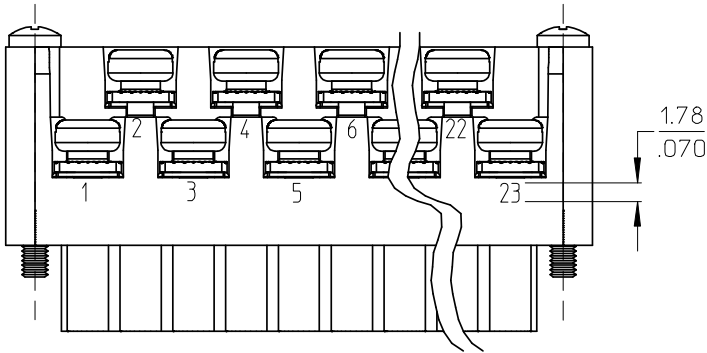
D

C

B

A

| NO. OF<br>CIRC. "XX" | "A"   |        | "B"    |         | "C"    |         | "D" <sup>+00</sup> <sub>-.25</sub> [ <sup>+000</sup> <sub>-.010</sub> ] | MATERIAL NO.<br>(STANDARD) | MATERIAL NO.<br>(-G30 OPT.) | MATERIAL NO.<br>(-10A OPT.) |
|----------------------|-------|--------|--------|---------|--------|---------|-------------------------------------------------------------------------|----------------------------|-----------------------------|-----------------------------|
| 03                   | 25.9  | [1.02] | 10.16  | [.400]  | 20.32  | [.800]  | 15.2 [ .60 ]                                                            | 399400403                  |                             |                             |
| 04                   | 31.0  | [1.22] | 15.24  | [.600]  | 25.40  | [1.000] | 20.3 [ .80 ]                                                            | 399400404                  | 399410404                   |                             |
| 05                   | 36.1  | [1.42] | 20.32  | [.800]  | 30.48  | [1.200] | 25.4 [ 1.00 ]                                                           | 399400405                  |                             |                             |
| 06                   | 41.1  | [1.62] | 25.40  | [1.000] | 35.56  | [1.400] | 30.5 [ 1.20 ]                                                           | 399400406                  |                             |                             |
| 07                   | 46.2  | [1.82] | 30.48  | [1.200] | 40.64  | [1.600] | 35.6 [ 1.40 ]                                                           | 399400407                  |                             |                             |
| 08                   | 51.3  | [2.02] | 35.56  | [1.400] | 45.72  | [1.800] | 40.6 [ 1.60 ]                                                           | 399400408                  |                             |                             |
| 09                   | 56.4  | [2.22] | 40.64  | [1.600] | 50.80  | [2.000] | 45.7 [ 1.80 ]                                                           | 399400409                  |                             |                             |
| 10                   | 61.5  | [2.42] | 45.72  | [1.800] | 55.88  | [2.200] | 50.8 [ 2.00 ]                                                           | 399400410                  |                             |                             |
| 11                   | 66.5  | [2.62] | 50.80  | [2.000] | 60.96  | [2.400] | 55.9 [ 2.20 ]                                                           | 399400411                  |                             |                             |
| 12                   | 71.6  | [2.82] | 55.88  | [2.200] | 66.04  | [2.600] | 61.0 [ 2.40 ]                                                           | 399400412                  | 399410412                   |                             |
| 13                   | 76.7  | [3.02] | 60.96  | [2.400] | 71.12  | [2.800] | 66.0 [ 2.60 ]                                                           | 399400413                  |                             |                             |
| 14                   | 81.8  | [3.22] | 66.04  | [2.600] | 76.20  | [3.000] | 71.1 [ 2.80 ]                                                           | 399400414                  |                             | 399490014                   |
| 15                   | 86.9  | [3.42] | 71.12  | [2.800] | 81.28  | [3.200] | 76.2 [ 3.00 ]                                                           | 399400415                  |                             |                             |
| 16                   | 91.9  | [3.62] | 76.20  | [3.000] | 86.36  | [3.400] | 81.3 [ 3.20 ]                                                           | 399400416                  | 399410416                   |                             |
| 17                   | 97.0  | [3.82] | 81.28  | [3.200] | 91.44  | [3.600] | 86.4 [ 3.40 ]                                                           | 399400417                  |                             |                             |
| 18                   | 102.1 | [4.02] | 86.36  | [3.400] | 96.52  | [3.800] | 91.4 [ 3.60 ]                                                           | 399400418                  |                             |                             |
| 19                   | 107.2 | [4.22] | 91.44  | [3.600] | 101.60 | [4.000] | 96.5 [ 3.80 ]                                                           | 399400419                  | 399410419                   |                             |
| 20                   | 112.3 | [4.42] | 96.52  | [3.800] | 106.68 | [4.200] | 101.6 [ 4.00 ]                                                          | 399400420                  | 399410420                   |                             |
| 21                   | 117.3 | [4.62] | 101.60 | [4.000] | 111.76 | [4.400] | 106.7 [ 4.20 ]                                                          | 399400421                  |                             |                             |
| 22                   | 122.4 | [4.82] | 106.68 | [4.200] | 116.84 | [4.600] | 111.8 [ 4.40 ]                                                          | 399400422                  |                             |                             |
| 23                   | 127.5 | [5.02] | 111.76 | [4.400] | 121.92 | [4.800] | 116.8 [ 4.60 ]                                                          | 399400423                  |                             |                             |
| 24                   | 132.6 | [5.22] | 116.84 | [4.600] | 127.00 | [5.000] | 121.9 [ 4.80 ]                                                          | 399400424                  |                             |                             |



OPTIONAL  
10A IMPRINTING  
(ODD CIRCUIT CONFIGURATION SHOWN)

SEE SHEET ONE

EC NO: WNA2008-0391

DRWN: JENC INAS

CHKD:

APPR: MACNE IL

REV

2008/07/01

2008/07/02

2008/07/07

DESCRIPTION

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

|              |            |
|--------------|------------|
| DRAWN BY     | DATE       |
| C. YORK      | 2004/03/18 |
| CHECKED BY   | DATE       |
| R. STONE     | 2004/03/18 |
| APPROVED BY  | DATE       |
| G. ROBERTSON | 2004/03/18 |

MATERIAL NO.

SEE CHART

SIZE

B

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SCALE

2:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

5.08/.200 PLUG ASSY, RWE  
WITH STD. MOUNTING ENDS  
(9468XX)

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

SD-39940-002

SHEET NO.

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