

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0394220008

Status:

Active

Description:

12.00mm (.472") Pitch Beau™ EuroMax™ Horizontal Plug, with Retention Screws, 8 Circuits

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Terminal Blocks

Series

39422

Application

Wire-to-Board

Component Type

Plug

Product Name

EuroMax™Pluggable

Type

Euro Block

Physical

Circuits (Loaded)

8

Color - Resin

Black

Entry Angle

180° Angle

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Number of Rows

1

Orientation

Horizontal

PCB Retention

N/A

Panel Mount

No

Pitch - Mating Interface (in)

0.472 In

Pitch - Mating Interface (mm)

12.00 mm

Plating min: Mating (µin)

150

Plating min: Mating (µm)

3.75

Plating min: Termination (µin)

150

Plating min: Termination (µm)

3.75

Polarized to Mating Part

Yes

Stackable

No

Temperature Range - Operating

130°C

Wire Size AWG

10, 12, 14, 3, 4, 6, 8

Electrical

Current - Maximum per Contact

85A

Voltage - Maximum

600V

Material Info

Old Part Number

424508

Reference - Drawing Numbers

Sales Drawing

SD-39422-001

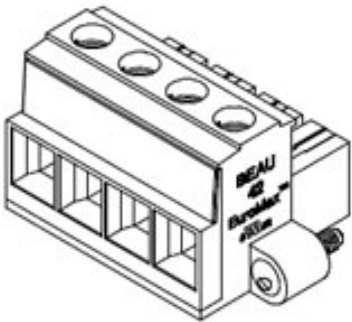


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

50

Pb

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

39422Series

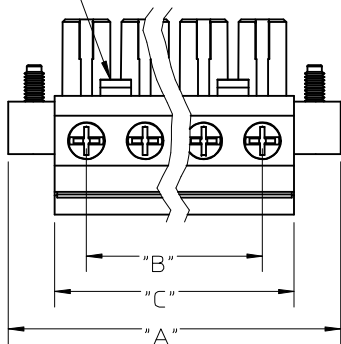
Mates With

39426-0008 Horizontal PCB Header, with Threaded Retention Inserts

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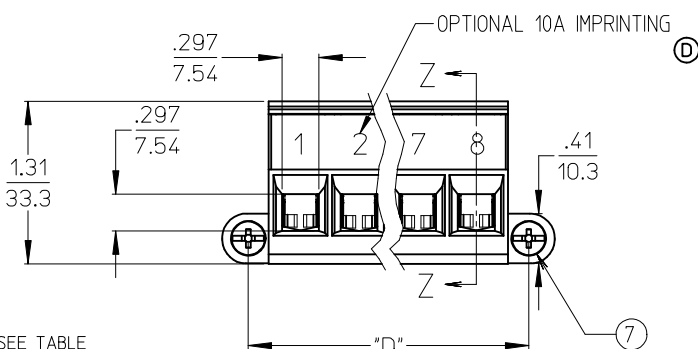
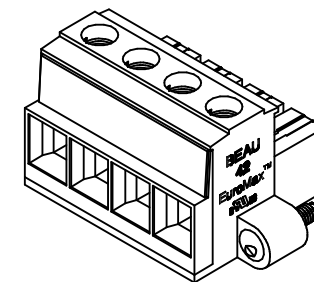
10 9 8 7 6 5 4 3 2 1

2 AND 3 CIRCUIT PARTS HAVE
ONE LATCH DETAIL
POSITIONED ON THIS END.



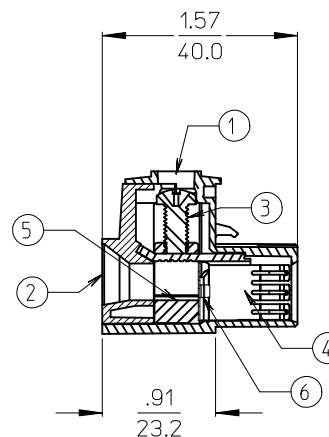
NO. OF CIRC.	STD. MAT. NUMBER	OPTIONAL 10A IMPRINT	"A" IN/MM	"B" IN/MM	"C" IN/MM	"D" IN/MM
02	394220002	394222002	1.73/44.0	.472/12.00	.98/25.0	1.313/33.35
03	394220003	394222003	2.20/56.0	.945/24.00	1.46/37.0	1.785/45.35
04	394220004	394222004	2.68/68.0	1.417/36.00	1.93/49.0	2.258/57.35
05	394220005	394222005	3.15/80.0	1.890/48.00	2.40/61.0	2.730/69.35
06	394220006	394222006	3.62/92.0	2.362/60.00	2.87/73.0	3.203/81.35
07	394220007	394222007	4.09/104.0	2.835/72.00	3.35/85.0	3.675/93.35
08	394220008	394222008	4.57/116.0	3.307/84.00	3.82/97.0	4.148/105.35

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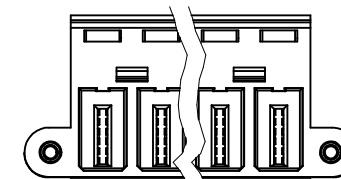


NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: SEE PPS.42.002
4. IMPRINTING CHARACTER HEIGHT IS .170" ⓓ
5. ROHS COMPLIANT BY EXEMPTION *



SECTION Z-Z



7	2	SCREW, MTG. END, M4, PHIL-SLOT	PHOS. BRONZE	TIN PLATE	ADD 10A OPTION EC NO: WNA2009-0615 DRWN: JENCINAS 2009/04/09 CHKD: CYORK 2009/04/09 APPR: JMAGNELL 2009/04/13	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .01</td></tr><tr><td>1 PLACE</td><td>± 0.3</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .01	1 PLACE	± 0.3	± ---	ANGULAR ±1/2°			DIMENSION STYLE IN/MM DRAWN BY DATE RKEMP 04/10/13 CHECKED BY DATE RSTONE 04/12/07 APPROVED BY DATE G.ROBERTSON 04/12/10 MATERIAL NO. SEE CHART	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	mm	INCH																												
4 PLACES	± ---	± ---																												
3 PLACES	± ---	± .005																												
2 PLACES	± 0.13	± .01																												
1 PLACE	± 0.3	± ---																												
ANGULAR ±1/2°																														
6	XX	BACK PLATE	PHOS. BRONZE	TIN PLATE																										
5	XX	PRESSURE CLAMP *	BRASS	NICKEL PLATE																										
4	XX	TERMINAL	COPPER ALLOY	TIN PLATE																										
3	XX	SCREW, M5 PAN HEAD, POZI-SLOT	STAINLESS STEEL	TIN PLATE																										
2	1	MOLDING COVER	POLYESTER (PBT)	BLACK	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	DOCUMENT NO. SD-39422-001	SHEET NO. 1 OF 1	MOLEX MOLEX INCORPORATED	TITLE PLUG, MTG, ENDS 12MM, 85A, 600V #10-#3 AWG																			
1	1	MOLDING, BODY, WITH MTG ENDS	POLYESTER (PBT)	BLACK																										
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH																										