

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0394220002](#)
Status: **Active**
Description: 12.00mm (.472") Pitch Beau™ EuroMax™ Horizontal Plug, with Retention Screws, 2 Circuits

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

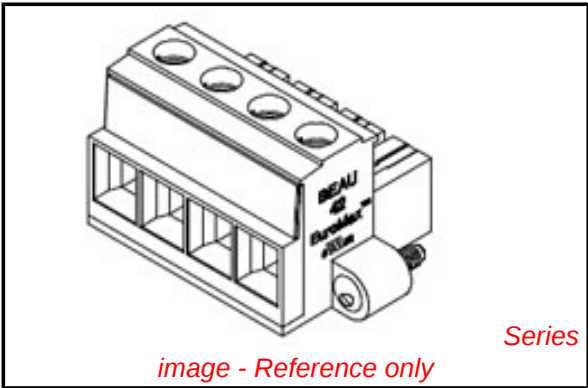
General
Product Family Terminal Blocks
Series [39422](#)
Application Wire-to-Board
Component Type Plug
Product Name EuroMax™ Pluggable
Type Euro Block

Physical
Circuits (Loaded) 2
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 424502

Reference - Drawing Numbers
Sales Drawing SD-39422-001



EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

Pb

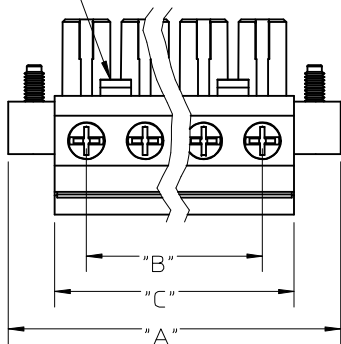
Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[39422Series](#)

Mates With
[39426-0002](#) Horizontal PCB Header, with Threaded Retention Inserts

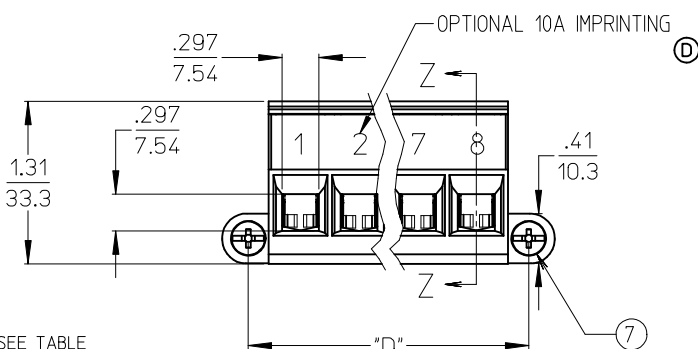
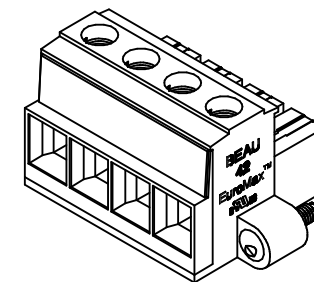
10 9 8 7 6 5 4 3 2 1

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



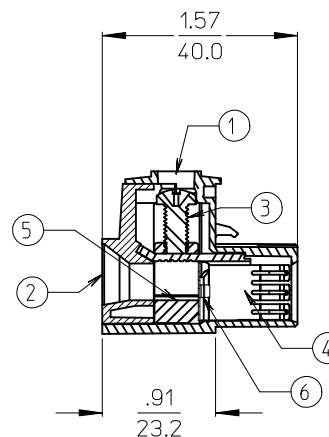
NO. OF CIRC.	STD. MAT. NUMBER	OPTIONAL 10A IMPRINT	"A" IN/MM	"B" IN/MM	"C" IN/MM	"D" IN/MM
02	394220002	394222002	1.73/44.0	.472/12.00	.98/25.0	1.313/33.35
03	394220003	394222003	2.20/56.0	.945/24.00	1.46/37.0	1.785/45.35
04	394220004	394222004	2.68/68.0	1.417/36.00	1.93/49.0	2.258/57.35
05	394220005	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

ⓓ

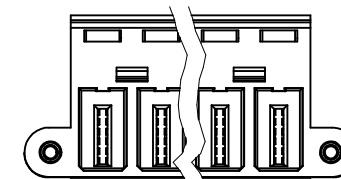


NOTES:

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: JMAGNILL 2009/04/13	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=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 <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>RKEMP</td><td>04/10/13</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>RSTONE</td><td>04/12/07</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>G. ROBERTSON</td><td>04/12/10</td></tr><tr><td>MATERIAL NO.</td><td></td></tr></table>	DRAWN BY	DATE	RKEMP	04/10/13	CHECKED BY	DATE	RSTONE	04/12/07	APPROVED BY	DATE	G. ROBERTSON	04/12/10	MATERIAL NO.		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°																																												
DRAWN BY	DATE																																											
RKEMP	04/10/13																																											
CHECKED BY	DATE																																											
RSTONE	04/12/07																																											
APPROVED BY	DATE																																											
G. ROBERTSON	04/12/10																																											
MATERIAL NO.																																												
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																																								
1	1	MOLDING, BODY, WITH MTG ENDS	POLYESTER (PBT)	BLACK																																								
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH	D	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	SEE CHART	DOCUMENT NO. SD-39422-001	SHEET NO. 1 OF 1	Molex MOLEX INCORPORATED THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																