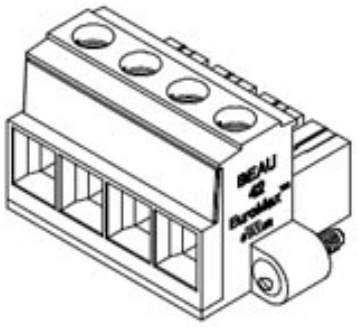
This document was generated on 04/22/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0394220005

Status: Active

Description: 12.00mm (.472") Pitch Beau™ EuroMax™ Horizontal Plug, with Retention Screws, 5 Circuits



Series image - Reference only

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)	5
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	424505

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

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
39426-0005 Horizontal PCB Header, with Threaded Retention Inserts

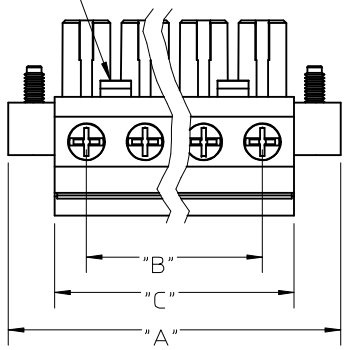
This document was generated on 04/22/2010

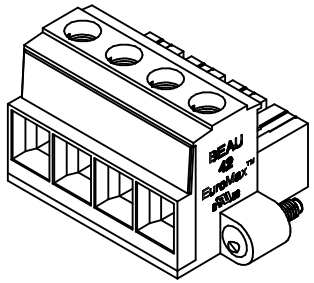
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

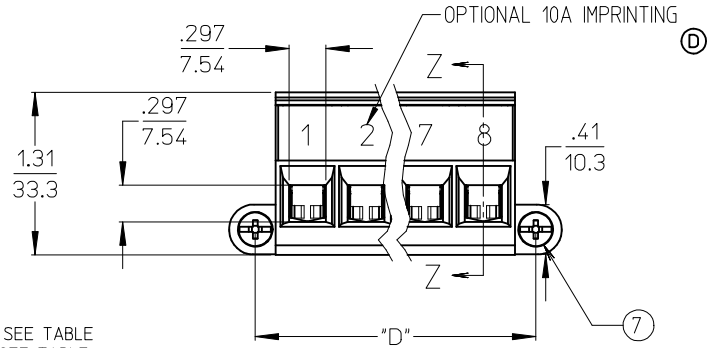
NO. OF CIRC.	STD. MAT. NUMBER	OPTIONAL 10A IMPRINT	"A" IN/MM	"B" IN/MM	"C" IN/MM	"D" IN/MM
02	394220002	394222002	1.73/44.0	.472/12.00	.98/25.0	1.313/33.35
03	394220003	394222003	2.20/56.0	.945/24.00	1.46/37.0	1.785/45.35
04	394220004	394222004	2.68/68.0	1.417/36.00	1.93/49.0	2.258/57.35
05	394220005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

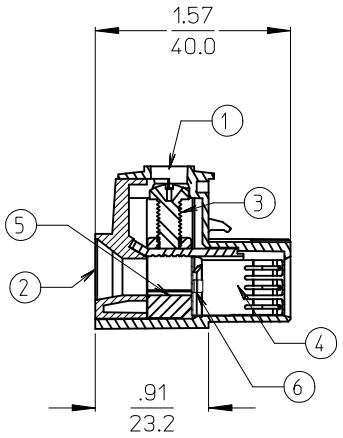
(D)

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

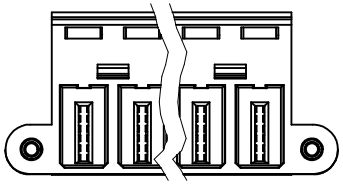








SECTION Z-Z



NOTES:

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

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	2	SCREW, MTG. END, M4, PHIL-SLOT	PHOS. BRONZE	TIN PLATE
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

ADD 10A OPTION
EC NO: WNA2009-0615 2009/04/09
DRWN: JENCINAS 2009/04/09
CHKD: CYORK
APPR: JMACNEILL 2009/04/13
DESCRIPTION
REV D

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 ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: RKEMP DATE: 04/10/13
CHECKED BY: RSTONE DATE: 04/12/07
APPROVED BY: G.ROBERTSON DATE: 04/12/10

TITLE: PLUG, MTG, ENDS 12MM, 85A, 600V #10-#3 AWG

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39422-001
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