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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0394210006

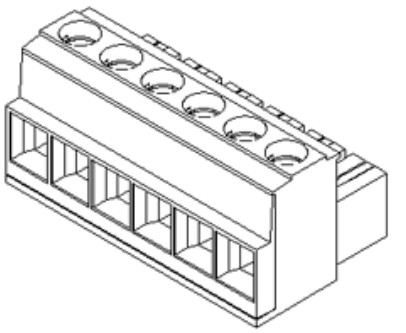
Status: Active

Description: 12.00mm (.472") Pitch Beau™ EuroMax™ Horizontal Plug, 6 Circuits

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	Terminal Blocks
Series	39421
Application	Wire-to-Board
Component Type	Plug
Product Name	EuroMax™Pluggable
Type	Euro Block

Physical

Circuits (Loaded)	6
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	420506

Reference - Drawing Numbers

Sales Drawing	SD-39421-001

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.

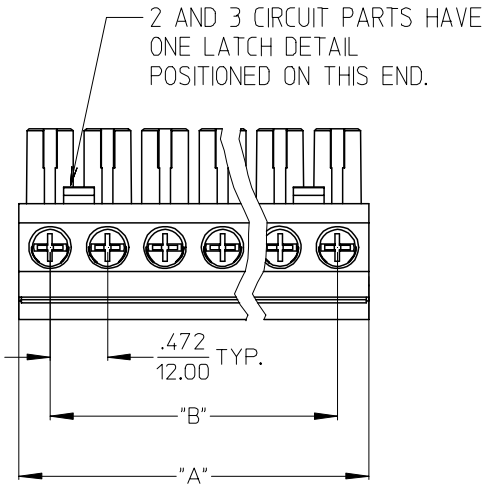
Search Parts in this Series
39421Series

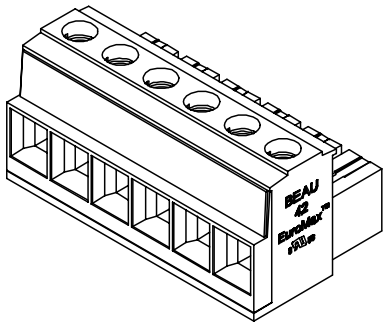
Mates With
39425-0006 Horizontal PCB Header

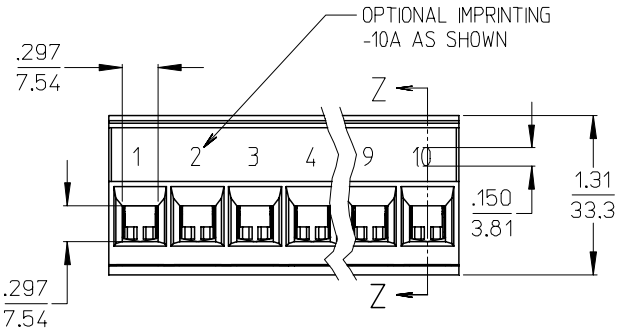
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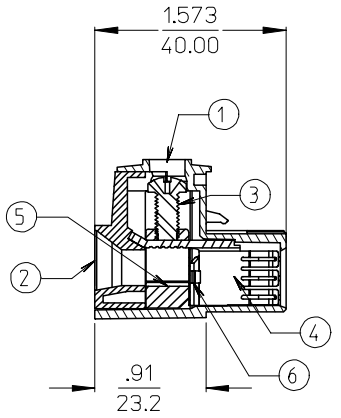
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

LENGTH TABLE				
NO.CIRCUITS	"B"	"A"	MATERIAL NO. (STANDARD)	MATERIAL NO. (-10A OPT.)
02	.472/12.00	.98/25.0	39421-0002	39421-1002
03	.945/24.00	1.46/37.0	39421-0003	39421-1003
04	1.417/36.00	1.93/49.0	39421-0004	39421-1004
05	1.890/48.00	2.40/61.0	39421-0005	39421-1005
06	2.362/60.00	2.87/73.0	39421-0006	39421-1006
07	2.835/72.00	3.35/85.0	39421-0007	39421-1007
08	3.307/84.00	3.82/97.0	39421-0008	39421-1008
09	3.780/96.00	4.29/109.0	39421-0009	39421-1009
10	4.252/108.00	4.76/121.0	39421-0010	39421-1010

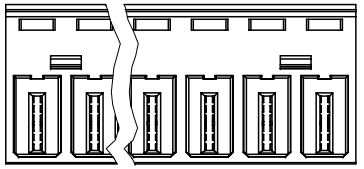








SECTION Z-Z



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: SEE PPS.42.002.DOC
4. PACKAGING: NOT REQUIRED
5. MATES WITH: 3942500XX HEADER
6. XX EQUALS NUMBER OF CIRCUITS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	XX	BACK PLATE	PHOS. BRONZE	TIN
5	XX	PRESSURE CLAMP	BRASS	NICKEL
4	XX	TERMINAL	COPPER ALLOY	TIN
3	XX	SCREW, M5 PAN HEAD, POZI-SLOT	S.S.	TIN
2	1	MOLDING, COVER	PBT	BLACK
1	1	MOLDING, BODY	PBT	BLACK

(J)

CHNG SCREW TYPE
EC NO: ETC2006-0217
DRWN:ASAYDEH 2006/02/06
CH'KD:RSTONE 2006/02/07
APPR:RDEROSS 2006/02/09
DESCRIPTION
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	±.1
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

		DATE
DRAWN BY	RKEMP	03/07/21
CHECKED BY	PWALTZ	03/08/05
APPROVED BY	G.ROBERTSON	03/08/05

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

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-39421-001
SHEET NO.: 1 OF 1

SIZE B

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