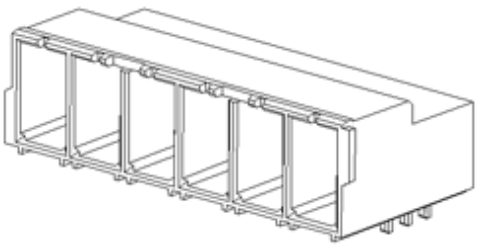
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Part Number: 0394250004
Status: Active
Description: 12.00mm (.472") Pitch Beau™ EuroMax™ Right Angle PCB Header, Closed Ends, 4 Circuits



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Terminal Blocks
Series	39425
Application	Wire-to-Board
Component Type	PCB Header
Product Name	EuroMax™Pluggable
Type	Euro Block

Physical

Circuits (Loaded)	4
Entry Angle	N/A
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.169 In
PC Tail Length (mm)	4.30 mm
PCB Retention	None
PCB Thickness Recommended (in)	0.125 In
PCB Thickness Recommended (mm)	3.20 mm
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
Shrouded	Closed Ends
Stackable	No
Temperature Range - Operating	130°C
Termination Interface: Style	Through Hole
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	85A
Voltage - Maximum	600V

Material Info

Old Part Number	421904

Reference - Drawing Numbers

Sales Drawing	SD-39425-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Halogen-Free

China RoHS

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
39425Series

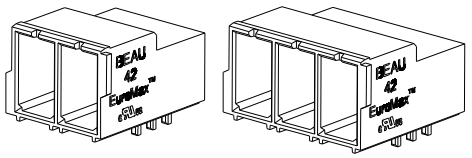
Mates With
39421 Plugs

This document was generated on 04/12/2010

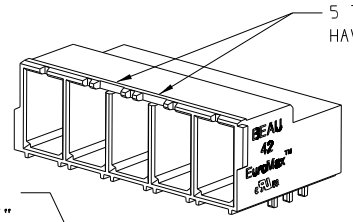
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SD-39425-001

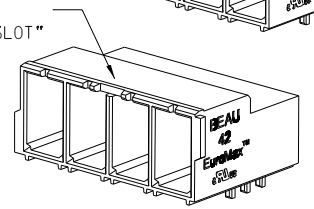
LENGTH TABLE			
MATERIAL NO.	NO. CIRCUITS	"B"	"A"
394250002	02	12.0 (.472)	28.2 (1.11)
394250003	03	24.0 (.945)	40.2 (1.58)
394250004	04	36.0 (1.417)	52.2 (2.06)
394250005	05	48.0 (1.890)	64.2 (2.53)
394250006	06	60.0 (2.362)	76.2 (3.00)
394250007	07	72.0 (2.835)	88.2 (3.47)
394250008	08	84.0 (3.307)	100.2 (3.95)
394250009	09	96.0 (3.780)	112.2 (4.42)
394250010	10	108.0 (4.252)	124.2 (4.89)



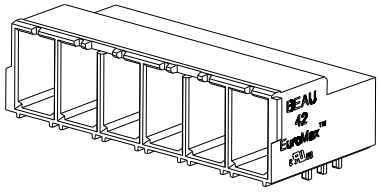
2 AND 3 CIRCUIT HEADERS
HAVE NO "PRY SLOTS"

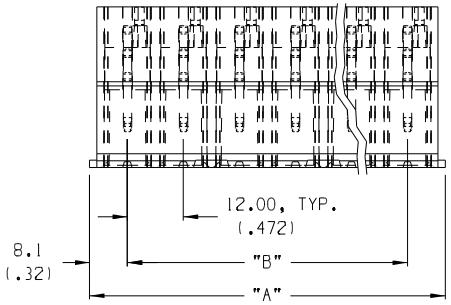


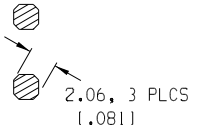
5 THRU 10 CIRCUIT HEADERS
HAVE TWO "PRY SLOTS"



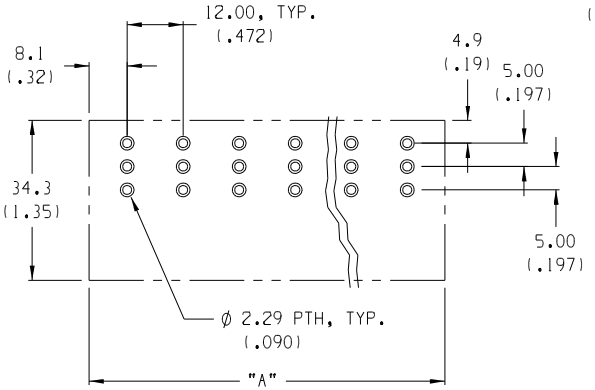
4 CIRCUIT HEADER
HAS ONLY ONE "PRY SLOT"

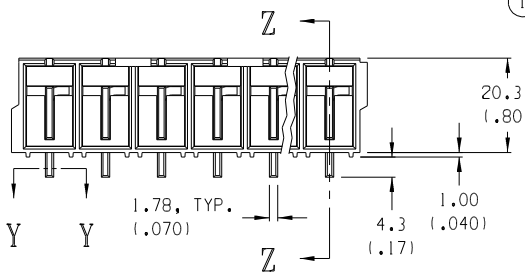


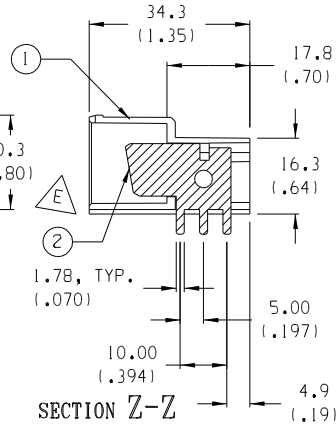




RECOMMENDED PTH PATTERN

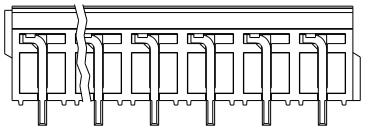






SECTION Z-Z

SECTION Y-Y
SCALE 3:1



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: SEE PPS.42.001
4. PACKAGING: NOT REQUIRED
5. MATES WITH: 3942100XX PLUG
6. XX EQUALS NUMBER OF CIRCUITS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
2	XX	BLADE CONTACT	COPPER	TIN
1	1	MOLDING, HEADER	PBT	BLACK

EC NO. 11610 DRWN: RK 12-1-04 CH'K: APPR:
DESCRIPTION
REV

QUALITY SYMBOLS
MAJOR
CRITICAL (C)
SPC (S)

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES		±.0015
3 PLACES	±.038	±.005
2 PLACES	±.13	±.01
1 PLACE	±.3	
ANGULAR:	±2°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 1:1
DESIGN UNITS ☐ mm ☒ INCH
THIRD ANGLE PROJECTION

DRAWN BY & DATE GHR 5-14-2003
CHECKED BY & DATE R. KEMP 8-8-03
APPROVED BY & DATE G.ROBERTSON 8-8-03
CAD FILENAME 4219XX

PROJECT NO. 03-65
DIMENSIONS: ☒ mm/INCH ☐ INCH/mm ☐ mm ONLY
SHT - REV -
REVISE ON CAD ONLY

TITLE: HEADER, 12MM, 85A, 600V,

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SD-39425-001
SHEET NO. 1 OF 1
SIZE B

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