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Part Number: [0457111000](#)
Status: **Active**
Overview: [EXTreme PowerBBC™](#)
Description: PowerPlane Bus Bar Assembly, Vertical Mount, Mates to a 25.40mm by 3.17mm Bus Bar

Documents:

[3D Model](#) [Packaging Specification PK-45711-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-45711-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family Edge Card Connectors
 Series [45711](#)
 Circuit Size Range 1-64 Circuits
 Component Type Edgecard to PCB
 Data Rate Unrated
 Edge Card Thickness 1.57mm
 High Power Bay (30.0A or more) No
 Orientation Vertical
 Overview [EXTreme PowerBBC™](#)
 Product Name Bus Bar Socket, PowerPlane
 Standard Based General
 UPC 822348829132

Physical

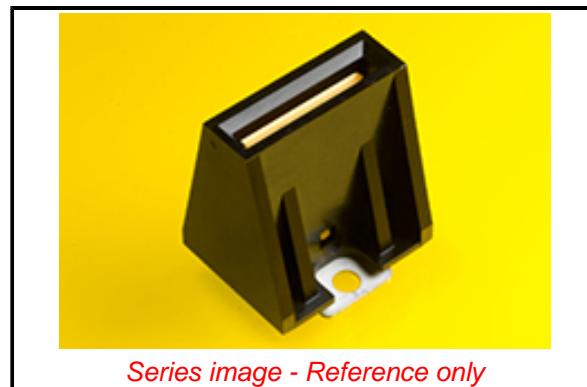
(p)ower-(s)ignal Configuration 2p - 0s
 Circuits (Loaded) 1
 Circuits (maximum) 1
 Color - Resin Black
 Durability (mating cycles max) 50
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Keying to Mating Part None
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Net Weight 18.585/g
 PCB Locator No
 PCB Retention Yes
 Packaging Type Bag
 Panel Mount No
 Pitch - Mating Interface N/A
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Screw

Electrical

Current - Maximum per Contact 300.0A
 Voltage - Maximum 600V AC

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45711 Series](#)

Mates With

25.40mm by 3.17mm (.125") Bus Bar Tab

Use With

Customer Supplied (8x32 Thread) Machine Screws

Packaging Specification
Product Specification
Sales Drawing

PK-45711-000
PS-45711-001-001
SD-45711-100

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