

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0459110039](#)
Status: **Active**
Overview: [Edge Card Connectors](#)
Description: EXTreme PowerEdge, Mixed Power/Signal Card Edge Connector, Double Sided, 4 Segments Thick PC Board

Documents:

[3D Model](#) [Packaging Specification PK-45714-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-45719-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Edge Card Connectors
Series [45911](#)
Component Type Edgecard to PCB
Data Rate Unrated
Edge Card Thickness 1.57mm
High Power Bay (30.0A or more) Yes
Orientation Vertical
Overview [Edge Card Connectors](#)
Product Name EXTreme PowerEdge
Standard Based General
UPC 822350709712

Physical

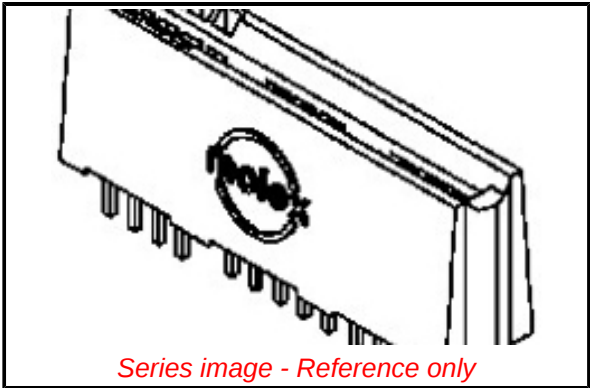
(p)ower-(s)ignal Configuration 2p - 2p - 2p - 8s
Circuit Size Range 1-64 Circuits
Circuits (Loaded) 14
Circuits (maximum) 14
Color - Resin Black
Durability (mating cycles max) 250
Entry Angle Vertical (Top Entry)
Flammability 94V-0
Keying to Mating Part N/A
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 9.052/g
PC Tail Length 3.19mm
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Pitch - Mating Interface 12.90mm
Plating min - Mating 0.762µm
Plating min - Termination 3.810µm
Temperature Range - Operating -40° to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A, 40.0A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45911 Series](#)

Mates With

1.58mm Double Sided Card Edge

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

WAVE

001

245

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-45714-001

PS-45719-001-001

SD-45911-001-001, SD-45911-002

This document was generated on 09/21/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

45911-0039