

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0459110029

Status:

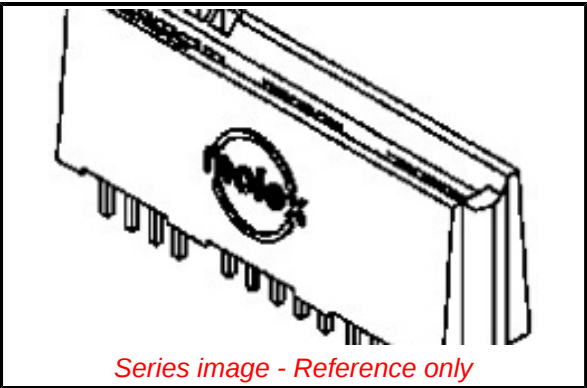
Active

Overview:

Edge Card Connectors

Description:

EXTreme PowerEdge™, Mixed Power/Signal Card Edge Connector, Double Sided, 4 Segments or 3.18mm Thick PC Board



Series image - Reference only

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Packaging Specification PK-45714-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Edge Card Connectors
Series	45911
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)	Yes
Orientation	Vertical
Overview	Edge Card Connectors
Product Name	EXTreme PowerEdge™
Standard Based	General
UPC	822350709613
Physical	
(p)ower-(s)ignal Configuration	2p - 8s - 8s - 2p
Circuits (Loaded)	20
Circuits (maximum)	20
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	8.568/g
PC Tail Length	4.50mm
PCB Thickness - Recommended	3.18mm
Packaging Type	Tray
Pitch - Mating Interface	12.90mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Temperature Range - Operating	-40°C 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
Lead-freeProcess Capability	WAVE

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

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

45911 Series

Mates With

1.58mm Double Sided Card Edge

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45714-001
Sales Drawing	SD-45911-001, SD-45911-002

This document was generated on 01/17/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION