

Part Number: 45911-0008

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Status: Active - Custom
Series: 45911
Category: Edge Card Connectors
Overview: Edge Card Connectors

Go to [Part Detail](#)▼

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Series Images - Reference only

Mates With Part(s):
1. 58mm Double Sided Card Edge

Specifications & Other Documents:

Note - Please disable browser pop-up blockers to view documents on www.molx.com

Product Environmental Compliance

Questions on Product Environmental Compliance? Email productcompliance@molex.com

EU ELV: Not Relevant
EU RoHS: Compliant

China RoHS: 
REACH SVHC: Contains SVHC(2014 December 17): No
Low-Halogen Status: Low-Halogen

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

 Multiple Part Product Compliance Form

Part Detail

COLLAPSE ALL

▼ General

Status	Active - Custom
Category	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	822350709484

▼ Physical

(p)ower-(s)ignal Configuration	2p - 8s - 2p
Circuits (Loaded)	12
Circuits (maximum)	12
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	6.796/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

(Please review the Product Specification for specific details.)

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

▼ Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number. [Click here to visit the UL Database](#)

CSA	LR19980
UL	E29179

▼ Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

▼ Material Info

▼ Reference - Drawing Numbers

Sales Drawing	SD-45911-001, SD-45911-002
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Molex Connectors

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