

Part Number: 45911-0008

Image not available

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

Go to Part Detail ▾

Series image - Reference only

Mates With Part(s):
 1.58mm Double Sided Card Edge

Application Tooling

FAQ

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Specifications & Other Documents:

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

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

Part Detail

▼ 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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Wire-to-Wire

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FFC/FFP

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