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**Part Number:** [0762910068](#)  
**Status:** **Active**  
**Overview:** [EdgeLine® High Speed Connectors](#)  
**Description:** [EdgeLine® CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 68 Circuits](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76291-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-76291-001 (PDF)</a>
<a href="#">Product Specification PS-76291-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76291-001-001 (PDF)</a>	

**General**

Product Family	Edge Card Connectors
Series	<a href="#">76291</a>
Application Tooling Part Link	62100-7200
Application Tooling Part Link	62202-2802
Circuit Size Range	65-200 Circuits
Component Type	Edgecard to PCB
Data Rate	5.0-12.0 Gbps
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	No
Orientation	Coplanar
Overview	<a href="#">EdgeLine® High Speed Connectors</a>
Product Name	EdgeLine®
Standard Based	General
UPC	883906112745

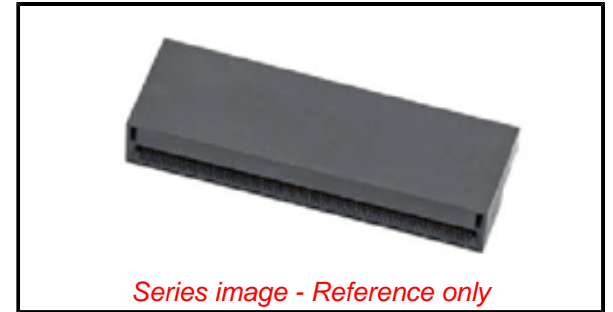
**Physical**

(p)ower-(s)ignal Configuration	68s - 0p
Circuits (Loaded)	68
Circuits (maximum)	68
Color - Resin	Black
Durability (mating cycles max)	200
Entry Angle	N/A
Keying to Mating Part	N/A
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.320/g
PCB Locator	No
PCB Thickness - Recommended	2.79mm
Packaging Type	Tray
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

**Solder Process Data**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[76291 Series](#)

Lead-freeProcess Capability

N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-76291-001-001, AS-76291-002-001

Packaging Specification

PK-76291-001

Product Specification

PS-76291-001-001

S-Parameter Model

SP-76291-0002

Sales Drawing

SD-76291-001

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