

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [76291-0068](#)  
**Status:** **Active**  
**Overview:** [EdgeLine® High Speed Connectors](#)  
**Description:** [EdgeLine® 12.5 Gbps CoPlanar Connector, 68 Circuits](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76291-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-76291-002 (PDF)</a>
<a href="#">Product Specification PS-76291-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (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
Component Type	Edgecard to PCB
Overview	<a href="#">EdgeLine® High Speed Connectors</a>
Product Name	EdgeLine®
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	Vertical
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.320/g
PC Tail Length	2.04mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-76291-001, AS-76291-002
Product Specification	PS-76291-001
S-Parameter Model	SP-76291-0002
Sales Drawing	SD-76291-001



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

[76291Series](#)

**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.*

**Global**

Description	Product #
Removal Tool for 12.5 Gbps Coplanar	<a href="#">0621007200</a>
Press-In Tool for 12.5 Gbps Coplanar	<a href="#">0622022802</a>

This document was generated on 04/16/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**