

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [76691-1200](#)  
**Status:** **Active**  
**Overview:** [EdgeLine® High Speed Connectors](#)  
**Description:** 0.80mm Pitch EdgeLine® Vertical, 12.5 Gbps, PCB Mating Thickness 1.57mm, 200 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-75594-999 \(PDF\)](#)  
[Application Specification AS-76693-100 \(PDF\)](#)  
[Application Specification AS-76693-101 \(PDF\)](#)  
[Test Summary TS-75594-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

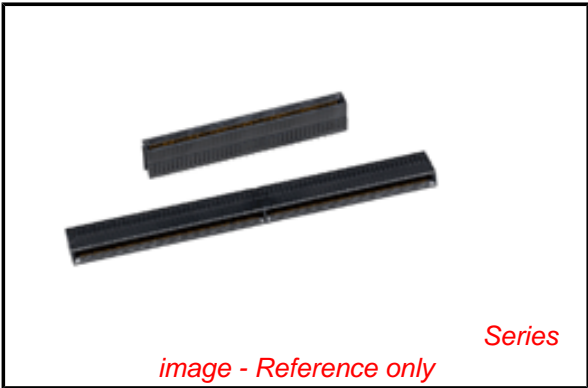
Product Family Edge Card Connectors  
Series [76691](#)  
Application Tooling Part Link [62100-8500](#)  
Application Tooling Part Link [62201-8736](#)  
Component Type Edgecard to PCB  
Overview [EdgeLine® High Speed Connectors](#)  
Product Name EdgeLine®  
UPC 884982249936

**Physical**

(p)ower-(s)ignal Configuration 200s - 0p  
Circuits (Loaded) 200  
Circuits (maximum) 200  
Color - Resin Black  
Durability (mating cycles max) 200  
Entry Angle Vertical  
Flammability 94V-0  
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 10.025/g  
PC Tail Length 2.30mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.57mm  
Packaging Type Tray  
Panel Mount No  
Pitch - Mating Interface 0.80mm  
Pitch - Termination Interface 0.80mm  
Plating min - Mating 0.762µm  
Plating min - Termination 0.762µm  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Press-Fit

**Electrical**

Current - Maximum per Contact 1.52A  
Voltage - Maximum 250V AC



**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**  
[76691Series](#)

**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 Module, 200 Circuits	<a href="#">0621008500</a>
Press-In Tool for 12.5 Gbps Edge Card Connector	<a href="#">0622018736</a>

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-76693-100, AS-76693-101
Product Specification	PS-75594-999
Sales Drawing	SD-76691-100, SD-76691-1200
Test Summary	TS-75594-001

This document was generated on 09/02/2014

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Standard Card Edge Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[6565204-6](#) [PKC-156](#) [1437274-4](#) [147889-1](#) [1489165-4](#) [EBT156-12B1X](#) [EBT15622B2X](#) [EBT156-22R2W](#) [1-582587-1](#) [1-582589-1](#) [2-6437275-9](#) [284-0102-12100](#) [306022901000000](#) [307-012-502-202](#) [307-024-526-201](#) [307-056-520-300](#) [307-080-526-208](#) [245-062-520-350](#) [287-0032-12101](#) [306-010-500-112](#) [306-028-525-102](#) [306-240-318](#) [307-036-502-202](#) [307-036-521-301](#) [307-072-526-202](#) [345-060-559-303](#) [368-004-520-201](#) [392-008-559-201](#) [534671-1](#) [5-530501-5](#) [341-240-317](#) [345-029-520-300](#) [345-030-500-301](#) [345-044-500-300](#) [345-220-058](#) [346-240-318](#) [357-030-526-201](#) [387-012-523-300](#) [395-044-520-300](#) [395-100-524-300](#) [50-12B-10](#) [50-6SN-5](#) [09-07-2032](#) [10035388-106LF](#) [10035388-802LF](#) [10122859-009LF](#) [10127905-B04B24BLF](#) [530555-1](#) [EBT156-15A2X](#) [2007209-1](#)