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**Part Number:** [76691-2108](#)  
**Status:** **Active**  
**Overview:** EdgeLine® High Speed Connectors  
**Description:** 0.80mm Pitch EdgeLine® Vertical, 12.5 Gbps, PCB Mating Thickness 1.57mm, 108 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76693-101 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-75594-001 (PDF)</a>
<a href="#">Product Specification PS-75594-999 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76693-100 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Edge Card Connectors
Series	<a href="#">76691</a>
Application Tooling Part Link	62100-8400
Application Tooling Part Link	62201-8736
Component Type	Edgecard to PCB
Overview	<a href="#">EdgeLine® High Speed Connectors</a>
Product Name	EdgeLine®
UPC	883906514488

**Physical**

(p)ower-(s)ignal Configuration	108s - 0p
Circuits (Loaded)	108
Circuits (maximum)	108
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	5.030/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 #
12.5 Gbps Removal Tool	<a href="#">0621008400</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-76691-2108
Test Summary	TS-75594-001

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