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**Part Number:** [76691-2108](#)  
**Status:** **Active**  
**Overview:** [EdgeLine® High Speed Connectors](#)  
**Description:** [EdgeLine® 12.5 Gbps Edge Card Connector, 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	Through Hole

**Electrical**

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

**Material Info**



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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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>

## Reference - Drawing Numbers

Application Specification

Product Specification

Sales Drawing

Test Summary

AS-76693-100, AS-76693-101

PS-75594-999

SD-76691-100, SD-76691-2108

TS-75594-001

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