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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:
[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

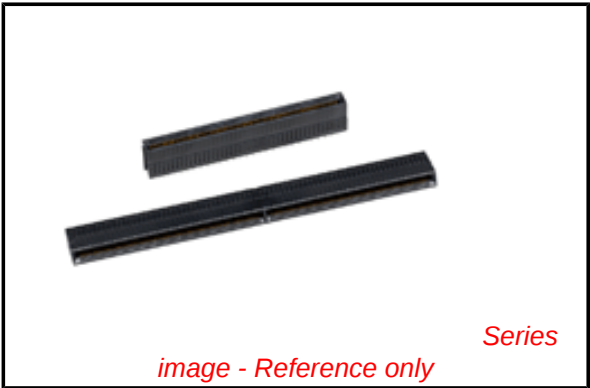
Product Family Edge Card Connectors
Series [76691](#)
Application Tooling Part Link [62100-8400](#)
Application Tooling Part Link [62201-8736](#)
Component Type Edgecard to PCB
Overview [EdgeLine® High Speed Connectors](#)
Product Name EdgeLine®
UPC 883906514488

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



Need more information on product environmental compliance?

Email 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	0621008400
Press-In Tool for 12.5 Gbps Edge Card Connector	0622018736

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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