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Part Number: [76691-1200](#)
Status: **Active**
Overview: EdgeLine® High Speed Connectors
Description: 0.80 mm Pitch EdgeLine® 12.5 Gbps Edge Card Connector, 200 Circuits, 1 Bay, PCB Mating Thickness 1.57mm

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-76693-101 (PDF) |
| Drawing (PDF) | Test Summary TS-75594-001 (PDF) |
| Product Specification PS-75594-999 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-76693-100 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|-------------------------------|---|
| Product Family | Edge Card Connectors |
| Series | 76691 |
| Application Tooling Part Link | 621008500 |
| Application Tooling Part Link | 622018736 |
| 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 | Yes |
| 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 +85°C |
| Termination Interface: Style | N/A |

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 250V AC |

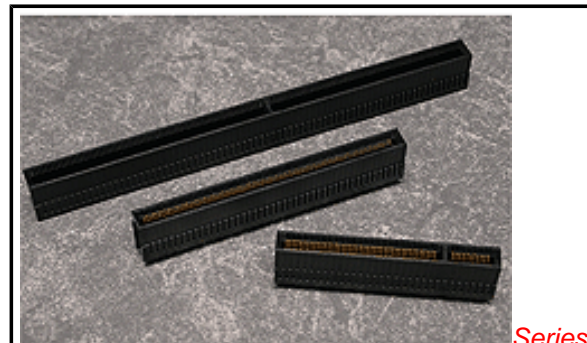


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Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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 # |
|---|----------------------------|
| Press-In Tool for 12.5 Gbps Edge Card Connector | 0622018736 |
| Removal Tool for 12.5 Gbps Module, 200 Circuits | 0621008500 |

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 |

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