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Part Number: [76693-3170](#)
Status: **Active**
Overview: EdgeLine® High Speed Connectors
Description: 0.80 mm Pitch EdgeLine® 12.5 Gbps Edge Card Connector, 170 Circuits, PCB Mating Thickness 2.36mm, 1 Bay

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)	

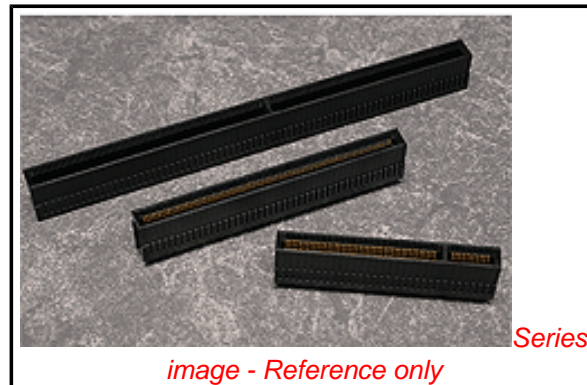


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Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	76693
Application Tooling Part Link	621008700
Application Tooling Part Link	622018737
Component Type	Edgecard to PCB
Overview	EdgeLine® High Speed Connectors
Product Name	EdgeLine®
UPC	883906542382

Physical

(p)ower-(s)ignal Configuration	170s - 0p
Circuits (Loaded)	170
Circuits (maximum)	170
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
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.065/g
PC Tail Length	2.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.62mm
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

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Low-Halogen Status
Not Reviewed**

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

[76693Series](#)

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, 170 Circuits	0621008700
Press-In Tool for 12.5 Gbps Coplanar	0622018737

Material Info

Reference - Drawing Numbers

Application Specification	AS-76693-100, AS-76693-101
Electrical Model Document	EE-76693-0001
Product Specification	PS-75594-999
S-Parameter Model	SP-76693-0001
Sales Drawing	SD-76693-100, SD-76693-3170
Test Summary	TS-75594-001

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