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Part Number: [76691-1046](#)
Status: **Active**
Overview: EdgeLine® High Speed Connectors
Description: 0.80mm Pitch EdgeLine® Vertical, 12.5 Gbps, PCB Mating Thickness 1.57mm, 46 Circuits

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	62201-8736
Component Type	Edgecard to PCB
Overview	EdgeLine® High Speed Connectors
Product Name	EdgeLine®
UPC	884982197121

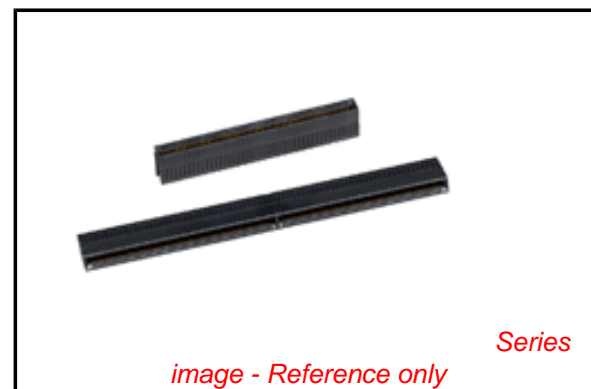
Physical

(p)ower-(s)ignal Configuration	46s - 0p
Circuits (Loaded)	46
Circuits (maximum)	46
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	3.419/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

Material Info



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
 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

Reference - Drawing Numbers

Application Specification

Product Specification

Sales Drawing

Test Summary

AS-76693-100, AS-76693-101

PS-75594-999

SD-76691-100, SD-76691-107

TS-75594-001

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