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Part Number:

76691-2278

Status:

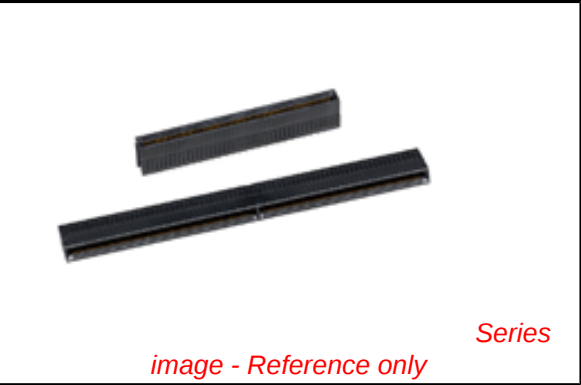
Active

Overview:

EdgeLine® High Speed Connectors

Description:

0.80mm Pitch EdgeLine® Vertical, 12.5 Gbps, PCB Mating Thickness 1.57mm, 278 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

UL

LR19980

E29179

General

Product Family

Series

Application Tooling Part Link

Application Tooling Part Link

Component Type

Overview

Product Name

UPC

Edge Card Connectors

76691

62100-8600

62201-8736

Edgecard to PCB

EdgeLine® High Speed Connectors

EdgeLine®

884982128194

Physical

(p)ower-(s)ignal Configuration

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Entry Angle

Flammability

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Panel Mount

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Temperature Range - Operating

Termination Interface: Style

278s - 0p

278

278

Black

200

Vertical

94V-0

None

Copper Alloy

Gold over Nickel

Tin

High Temperature Thermoplastic

10.924/g

2.30mm

Yes

Yes

1.57mm

Tray

No

0.80mm

0.80mm

0.762µm

0.762µm

-40°C to +105°C

Press-Fit

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.52A

250V AC

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 #
Removal Tool for 12.5 Gbps Module, 278 Circuit	0621008600
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-76691-2278
Test Summary	TS-75594-001

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