

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

76693-2294

Status:

Active

Overview:

EdgeLine® High Speed Connectors

Description:

0.80mm Pitch EdgeLine® Vertical, 12.5 Gbps, PCB Mating Thickness 2.36mm, 294 Circuits

Documents:

3D Model

Drawing (PDF)

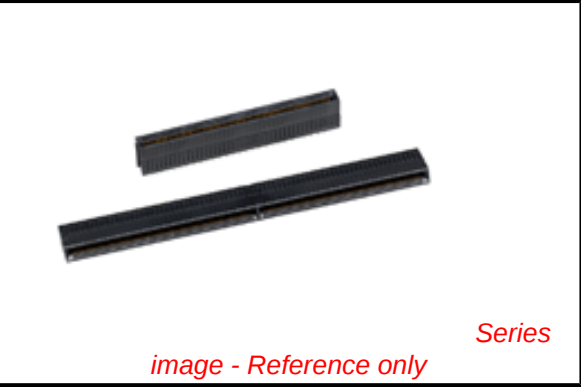
Product Specification PS-75594-999 (PDF)

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

76693

Application Tooling Part Link

62100-8800

Application Tooling Part Link

62201-8737

Component Type

Edgecard to PCB

Electrical Model

Yes

Overview

EdgeLine® High Speed Connectors

Product Name

EdgeLine®

UPC

883906728076

Physical

(p)ower-(s)ignal Configuration

294s - 0p

Circuits (Loaded)

294

Circuits (maximum)

294

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

13.282/g

PC Tail Length

2.30mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

2.36mm

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

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

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 #
Press-In Tool for 12.5 Gbps Coplanar	0622018737
Removal Tool for 12.5 Gbps Module, 294 Circuit	0621008800

Voltage - Maximum

250V AC

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-76693-110
Test Summary	TS-75594-001

This document was generated on 08/07/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION