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Part Number:

76693-2294

Status:

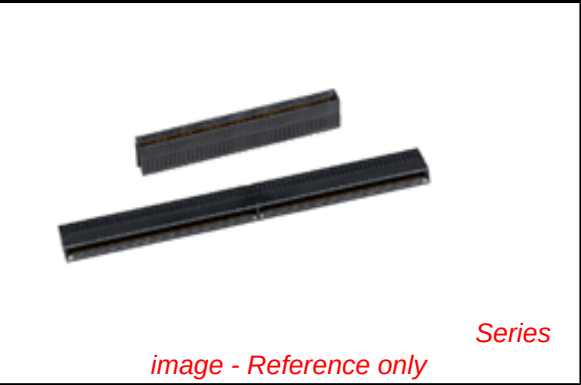
Active

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 Removal Tool for 12.5 Gbps Module, 294 Circuit	0622018737 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

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