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Part Number:

1706722294

Status:

Active

Overview:

EdgeLine® High Speed Connectors

Description:

EdgeLine® Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 2 Bays, 294 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	170672
Application Tooling Part Link	62100-8800
Application Tooling Part Link	62201-8737
Circuit Size Range	201-294 Circuits
Component Type	Edgecard to PCB
Data Rate	12.5-20.0 Gbps
Edge Card Thickness	2.36mm
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	EdgeLine® High Speed Connectors
Product Name	EdgeLine®
Standard Based	General
UPC	884982404410
Physical	
(p)ower-(s)ignal Configuration	294s - 0p
Circuits (Loaded)	294
Circuits (maximum)	294
Color - Resin	Black
Durability (mating cycles max)	200
Entry Angle	N/A
Flammability	94V-0
Keying to Mating Part	N/A
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.665/g
PCB Locator	No
PCB Thickness - Recommended	2.79mm
Packaging Type	Tray
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2015

June 15): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

170672 Series

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

0621008800

for12.5 Gbps

Module, 294 Circuit

Press-In Tool for

0622018737

12.5 Gbps Coplanar

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	250V AC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76693-100, AS-76693-101
Product Specification	PS-75594-999
Sales Drawing	SD-170672-0001, SD-170672-2294
Test Summary	TS-75594-001

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