

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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-76693-100-001 (PDF)
Drawing (PDF)	Application Specification AS-76693-101-001 (PDF)
Product Specification PS-75594-999-001 (PDF)	Packaging Specification PK-76693-900 (PDF)
Product Specification TS-75594-001-001 (PDF)	RoHS Certificate of Compliance (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
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
Circuit Size Range	201-294 Circuits
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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
RoHS Phthalates	Not Relevant

Search Parts in this Series

[170672 Series](#)

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	AS-76693-100-001, AS-76693-101-001
Packaging Specification	PK-76693-900
Product Specification	PS-75594-999-001, TS-75594-001-001
S-Parameter Model	SP-170545-0001, SP-170545-0002
Sales Drawing	SD-170672-0001, SD-170672-2294
Signal Integrity Report	SI-170545-0001

This document was generated on 03/02/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

170672-2294