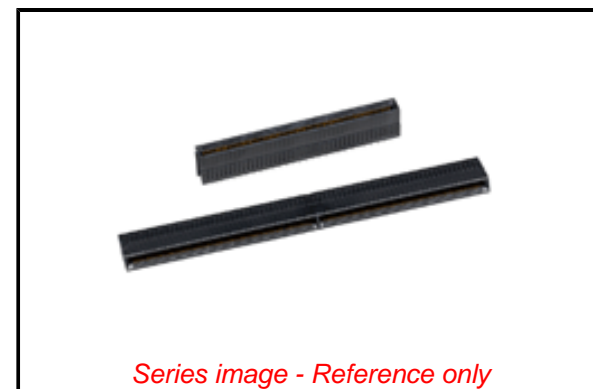


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Part Number: [1706722294](#)
Status: **Active**
Overview: [EdgeLine High-Speed Connectors](#)
Description: EdgeLine Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 2 Bays, 294 Circuits

Documents:

3D Model	Application Specification AS-76693-100-001 (PDF)
3D Model (PDF)	Application Specification AS-76693-101-001 (PDF)
Drawing (PDF)	Packaging Specification PK-76693-900 (PDF)
Product Specification PS-75594-999-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	62100-8800
Application Tooling Part Link	62201-8737

General

Product Family	Edge Card Connectors
Series	170672
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
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° to +105°C

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 for 12.5 Gbps Module, 294 Circuit	621008800
Press-In Tool for 12.5 Gbps Coplanar	622018737

Termination Interface: Style Through Hole - Compliant Pin

Electrical

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

Solder Process Data

Lead-free Process 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
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 01/21/2020

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[CT100F22-2-D](#) [CT100F22-3-D](#) [CT100F24-2-D](#) [CT100F24-3-D](#) [CT100F24-6-C](#) [CT156F22-4-D](#)