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Part Number: [1706732080](#)
Status: **Active**
Overview: [EdgeLine High-Speed Connectors](#)
Description: EdgeLine Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 2 Bays, 80 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	62201-8736
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General

Product Family	Edge Card Connectors
Series	170673
Component Type	Edgecard to PCB
Data Rate	12.5-20.0 Gbps
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
UPC	884982404595

Physical

(p)ower-(s)ignal Configuration	80s - 0p
Circuit Size Range	65-200 Circuits
Circuits (Loaded)	80
Circuits (maximum)	80
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	6.940/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
Termination Interface: Style	Through Hole - Compliant Pin

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 Contained

Search Parts in this Series

[170673 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 #

Press-In Tool for

[622018736](#)

12.5 Gbps Edge

Card Connector

Electrical

Current - Maximum per Contact
Voltage - Maximum

1.5A
250V AC

Material Info**Reference - Drawing Numbers**

Application Specification
Electrical Model Document
Packaging Specification
Product Specification
Sales Drawing
Symbol/Footprint Data

AS-76693-100-001, AS-76693-101-001
1706730002-000
PK-76693-900
PS-75594-999-001
SD-170673-0001, SD-170673-2080
SYM-170673-2080

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