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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



Series image - Reference only

Documents:

- 3D Model

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)
- Application Specification AS-76693-100-001 (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	170673
Application Tooling Part Link	62201-8736
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 over Nickel
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

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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 12.5 Gbps Edge Card Connector	0622018736

Current - Maximum per Contact1.5A

Voltage - Maximum250V AC

Material Info

Reference - Drawing Numbers

Application SpecificationAS-76693-100-001, AS-76693-101-001

Electrical Model Document1706730002-000

Packaging SpecificationPK-76693-900

Product SpecificationPS-75594-999-001

Sales DrawingSD-170673-0001, SD-170673-2080

Symbol/Footprint DataSYM-170673-2080

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