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Part Number: [1706731046](#)
Status: **Active**
Overview: [EdgeLine® High Speed Connectors](#)
Description: EdgeLine® Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 1 Bay, 46 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-76693-900 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Edge Card Connectors
Series [170673](#)
Application Tooling Part Link [62201-8736](#)
Circuit Size Range 1-64 Circuits
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 884982404588

Physical

(p)ower-(s)ignal Configuration 46s - 0p
Circuits (Loaded) 46
Circuits (maximum) 46
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 3.420/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

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

[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

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Packaging SpecificationPK-76693-900
Sales DrawingSD-170673-0001, SD-170673-1046
Symbol/Footprint DataSYM-170673-1046

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