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Part Number: [1706721170](#)
Status: **Active**
Overview: EdgeLine® High Speed Connectors
Description: EdgeLine® Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 1 Bay, 170 Circuits

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	170672
Application Tooling Part Link	62100-8700
Application Tooling Part Link	62201-8737
Circuit Size Range	65-200 Circuits
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	884982404403

Physical

(p)ower-(s)ignal Configuration	170s - 0p
Circuits (Loaded)	170
Circuits (maximum)	170
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	6.791/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(17. December 2014): No

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

ELV

Green Image

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, 170 Circuits	0621008700
Press-In Tool for 12.5 Gbps Coplanar	0622018737

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, AS-76693-101
Product Specification PS-75594-999
Sales Drawing SD-170672-0001, SD-170672-1170
Symbol/Footprint Data SYM-170672-1170

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