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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:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76693-101-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-76693-900 (PDF)</a>
<a href="#">Product Specification PS-75594-999-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76693-100-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Edge Card Connectors
Series	<a href="#">170673</a>
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	<a href="#">EdgeLine High Speed Connectors</a>
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°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

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	<a href="#">0622018736</a>

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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