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Part Number:

1706731046

Status:

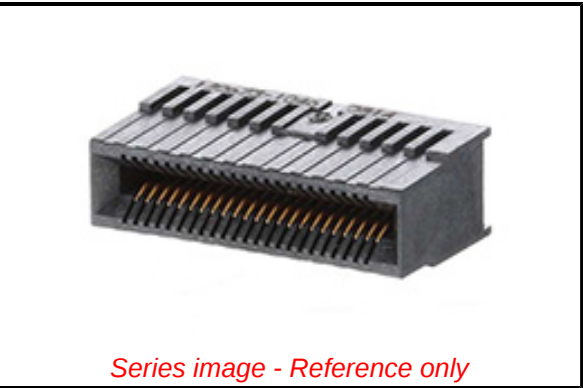
Active

Overview:

EdgeLine High-Speed Connectors

Description:

EdgeLine Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 1 Bay, 46 Circuits



Documents:

Drawing (PDF)

Product Specification PS-75594-999-001 (PDF)

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

Application Specification AS-76693-101-001 (PDF)

Packaging Specification PK-76693-900-001 (PDF)

Symbol Footprint Data SYM-170673-1046-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E29179                         |
| Application tooling part link  |                                |
| Application Tooling Part Link  | 62201-8736                     |
| 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                            | 884982404588                   |
| Physical                       |                                |
| (p)ower-(s)ignal Configuration | 46s - 0p                       |
| Circuit Size Range             | 1-64 Circuits                  |
| 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                           |
| 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° to +105°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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

**Electrical**

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

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                                        |
|---------------------------|----------------------------------------|
| Application Specification | AS-76693-100-001, AS-76693-101-001     |
| Electrical Model Document | 1706730002-000                         |
| Packaging Specification   | PK-76693-900-001                       |
| Product Specification     | PS-75594-999-001                       |
| Sales Drawing             | SD-170673-0001-001, SD-170673-1046-001 |
| Symbol/Footprint Data     | SYM-170673-1046-001                    |

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