

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0762910226

Status:

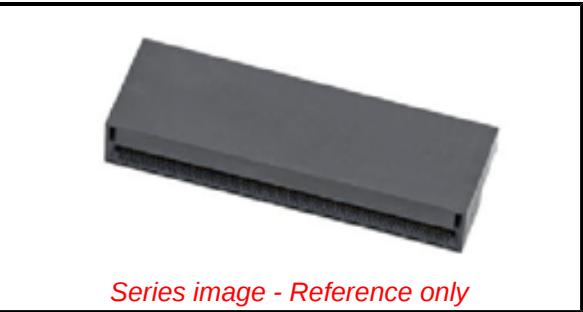
Active

Overview:

EdgeLine High Speed Connectors

Description:

EdgeLine CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 226 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-76291-001-001 (PDF)

Application Specification AS-76291-001-001 (PDF)

Application Specification AS-76291-002-001 (PDF)

Packaging Specification PK-76291-001 (PDF)

RoHS Certificate of Compliance (PDF)

| General                        |                                |
|--------------------------------|--------------------------------|
| Product Family                 | Edge Card Connectors           |
| Series                         | 76291                          |
| Application Tooling Part Link  | 62100-7400                     |
| Application Tooling Part Link  | 62202-2802                     |
| Application Tooling Part Link  | 62202-2803                     |
| Component Type                 | Edgecard to PCB                |
| Data Rate                      | 5.0-12.0 Gbps                  |
| Edge Card Thickness            | 1.57mm                         |
| High Power Bay (30.0A or more) | No                             |
| Orientation                    | Coplanar                       |
| Overview                       | EdgeLine High Speed Connectors |
| Product Name                   | EdgeLine                       |
| Standard Based                 | General                        |
| UPC                            | 883906112769                   |

| Physical                       |                                |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 226s - 0p                      |
| Circuit Size Range             | 201-294 Circuits               |
| Circuits (Loaded)              | 226                            |
| Circuits (maximum)             | 226                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 200                            |
| Entry Angle                    | N/A                            |
| 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                     | 28.633/g                       |
| PCB Locator                    | No                             |
| PCB Thickness - Recommended    | 2.79mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 0.75mm                         |
| Pitch - Termination Interface  | 0.75mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 0.762µm                        |
| Polarized to Mating Part       | Yes                            |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

| Electrical                    |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.5A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

|                                                                   |                             |
|-------------------------------------------------------------------|-----------------------------|
| EU ELV<br>Not Relevant                                            |                             |
| EU RoHS<br>Compliant                                              | China RoHS                  |
| REACH SVHC<br>Not Contained Per -<br>ED/61/2018 (27 June<br>2018) |                             |
| Halogen-Free<br>Status<br>Low-Halogen                             |                             |
| For more information, please visit <a href="#">Contact US</a>     |                             |
| China ROHS<br>ELV                                                 | Green Image<br>Not Relevant |
| RoHS Phthalates                                                   | Not Contained               |

Search Parts in this Series

76291 Series

**Material Info**

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | AS-76291-001-001, AS-76291-002-001 |
| Packaging Specification   | PK-76291-001                       |
| Product Specification     | PS-76291-001-001                   |
| S-Parameter Model         | SP-76291-0002                      |
| Sales Drawing             | SD-76291-001                       |

This document was generated on 10/10/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[76291-0226](#)