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Part Number:

0762910226

Status:

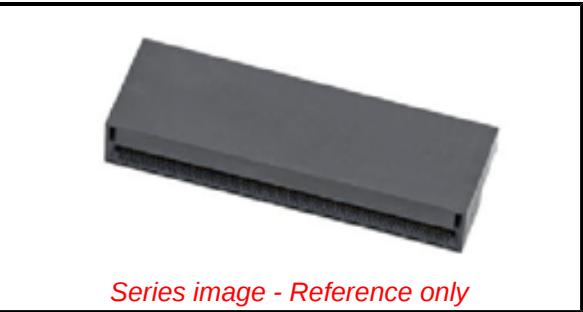
Active

Overview:

EdgeLine® High Speed Connectors

Description:

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



Documents:

3D Model

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

Drawing (PDF)

Packaging Specification PK-76291-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Application Specification AS-76291-001-001 (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                      |
| Circuit Size Range             | 201-294 Circuits                |
| 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                       |
| 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°C 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

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

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

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                       |

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