



Part Number : 762910068

Series Number : 76291

Product Category : Card Edge Connectors

Product Description : EdgeLine CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 68 Circuits

Status : Active

Documents & Resources

Drawings

Drawing 762910068\_sd.pdf

Packaging Design Drawing PK-76291-001-001.pdf

3D Models and Design Files

S-Parameter Model SP-76291-0002-001.zip

Specifications


Application Specification AS-76291-001-001.pdf

Application Specification AS-76291-002-001.pdf

Product Specification PS-76291-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

- Multiple Part Product Compliance Statements
- Eu RoHS
  - REACH SVHC
  - Low-Halogen
- Multiple Part Industry Compliance Documents
- IPC 1752A Class C
  - IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Card Edge Connectors
Series	76291
Description	EdgeLine CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 68 Circuits
Component Type	Edgecard to PCB
Product Family	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
UPC	883906112745

#### Electrical

Current - Maximum per Contact	1.5A
Data Rate	5.0-12.0 Gbps
High Power Bay (30.0A or more)	No
Voltage - Maximum	50V AC (RMS)/DC

#### Physical

Circuit Size Range	65-200 Circuits
Circuits (Loaded)	68
Circuits (maximum)	68
Color - Resin	Black
Durability (mating cycles max)	200
Edge Card Thickness	1.57mm
Entry Angle	N/A
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	9.320/g
Orientation	Coplanar
Packaging Type	Tray
PCB Locator	No
PCB Thickness - Recommended	2.79mm
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
(p)ower-(s)ignal Configuration	68s - 0p
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

#### Solder Process Data

Lead-Free Process Capability	N/A
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