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Part Number: [0762910170](#)
Status: **Active**
Overview: [EdgeLine High-Speed Connectors](#)
Description: EdgeLine CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 170 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)	

Application tooling part link

Application Tooling Part Link	62100-7300
Application Tooling Part Link	62202-2802
Application Tooling Part Link	62202-2803

General

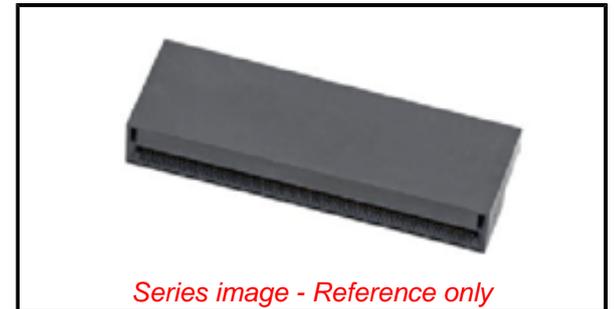
Product Family	Edge Card Connectors
Series	76291
Component Type	Edgecard to PCB
Data Rate	5.0-12.0 Gbps
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	No
Orientation	Coplanar
Overview	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
UPC	883906112752

Physical

(p)ower-(s)ignal Configuration	170s - 0p
Circuit Size Range	65-200 Circuits
Circuits (Loaded)	170
Circuits (maximum)	170
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
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	21.495/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
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76291](#) 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 #
Removal Tool for 12.5 Gbps Coplanar	621007300
Press-In Tool for 12.5 Gbps Coplanar	622022802
Press-In Tool for 12.5 Gbps Coplanar	622022803

Voltage - Maximum

50V AC (RMS)/DC

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-76291-001-001

This document was generated on 01/20/2020

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