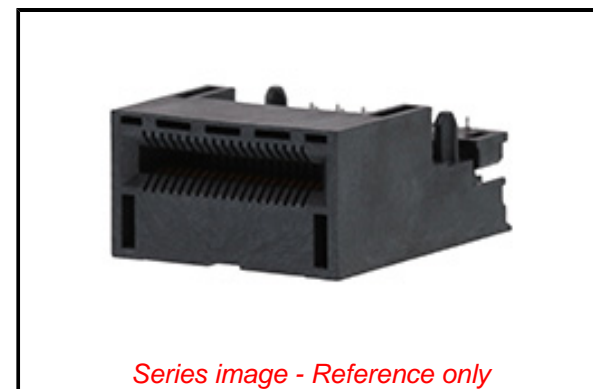


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0762910038](#)  
**Status:** **Active**  
**Overview:** [EdgeLine High-Speed Connectors](#)  
**Description:** EdgeLine CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 38 Circuits

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-76291-002-001 (PDF)</a>
<a href="#">Product Specification PS-76291-001-001 (PDF)</a>	<a href="#">Packaging Specification PK-76291-001-001 (PDF)</a>
<a href="#">Application Specification AS-76291-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76291-001-001 (PDF)</a>	



*Series image - Reference only*

**Application tooling part link**

Application Tooling Part Link	62100-7100
Application Tooling Part Link	62202-2803

**General**

Product Family	Edge Card Connectors
Series	<a href="#">76291</a>
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	<a href="#">EdgeLine High-Speed Connectors</a>
Product Name	EdgeLine
Standard Based	General
UPC	883906112738

**Physical**

(p)ower-(s)ignal Configuration	38s - 0p
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	38
Circuits (maximum)	38
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	5.752/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**

**Not Relevant**

**EU RoHS**

**Compliant**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[76291 Series](#)

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-76291-0001-001, AS-76291-001-001, AS-76291-002-001
Packaging Specification	PK-76291-001-001
Product Specification	PS-76291-001-001
S-Parameter Model	SP-76291-0002-001
Sales Drawing	SD-76291-001-001

This document was generated on 10/06/2021

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[CT100F22-2-D](#) [CT100F22-3-D](#) [CT100F24-2-D](#) [CT100F24-3-D](#) [CT100F24-6-C](#) [CT156F22-4-D](#)