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Part Number: [0762910250](#)
Status: **Active**
Overview: [EdgeLine® High Speed Connectors](#)
Description: [EdgeLine® CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 250 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	62202-2802
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	883906484934

Physical

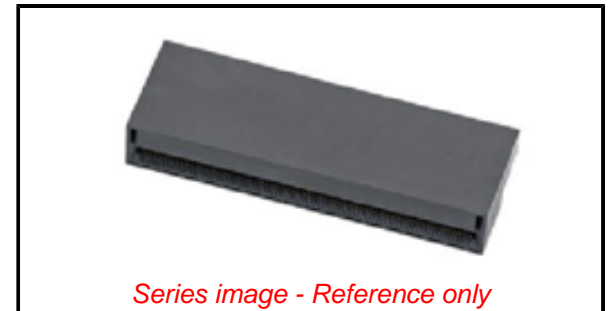
(p)ower-(s)ignal Configuration	250s - 0p
Circuits (Loaded)	250
Circuits (maximum)	250
Color - Resin	Black
Durability (mating cycles max)	200
Entry Angle	N/A
Keying to Mating Part	N/A
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	31.477/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

Solder Process Data

Lead-freeProcess Capability	N/A
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Series image - Reference only

EU ELV

Not Relevant

EU 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
Please visit the [Contact Us](#) section for any non-product compliance questions.

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 #

Press-In Tool for	0622022802
12.5 Gbps Coplanar	

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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