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Part Number: [76291-0140](#)
Status: **Active**
Overview: [EdgeLine® High Speed Connectors](#)
Description: EdgeLine® CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 140 Circuits

Documents:

3D Model	Application Specification AS-76291-001 (PDF)
Drawing (PDF)	Application Specification AS-76291-002 (PDF)
Product Specification PS-76291-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Edge Card Connectors
Series	76291
Application Tooling Part Link	62202-2803
Circuit Size Range	65-200 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	883906425333

Physical

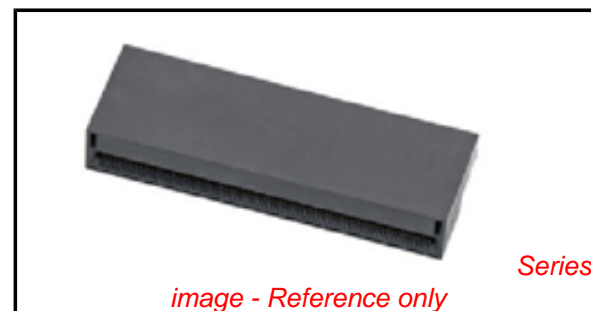
(p)ower-(s)ignal Configuration	140s - 0p
Circuits (Loaded)	140
Circuits (maximum)	140
Color - Resin	Black
Durability (mating cycles max)	200
Entry Angle	N/A
Keying to Mating Part	N/A
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	17.918/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

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

[76291Series](#)

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 12.5 Gbps Coplanar	0622022803

Application Specification
Product Specification
S-Parameter Model
Sales Drawing

AS-76291-001, AS-76291-002
PS-76291-001
SP-76291-0002
SD-76291-001

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