This document was generated on 03/01/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0762910140
Status: Active
Overview: EdgeLine® High Speed Connectors
Description: EdgeLine® CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 140 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-76291-001-001 (PDF)
Application Specification AS-76291-001-001 (PDF)
Application Specification AS-76291-002-001 (PDF)
Packaging Specification PK-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 ELV
Not Relevant

EU RoHS
Compliant

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	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 12.5 Gbps Coplanar	0622022803

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

This document was generated on 03/01/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION