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Part Number: [76291-0250](#)
Status: **Active**
Overview: [EdgeLine® High Speed Connectors](#)
Description: 0.75mm Pitch EdgeLine® 12.5 Gbps CoPlanar Connector, 250 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	622022802
Component Type	Edgecard to PCB
Overview	EdgeLine® High Speed Connectors
Product Name	EdgeLine®
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	Vertical
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	31.477/g
PC Tail Length	2.04mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.62mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.76mm
Pitch - Termination Interface	0.76mm
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Application Specification	AS-76291-001, AS-76291-002
Product Specification	PS-76291-001
Sales Drawing	SD-76291-001



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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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	0622022802

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