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Part Number: [76861-1000](#)
Status: **Active**
Overview: [EdgeLine® High Speed Connectors](#)
Description: 0.80mm Pitch EdgeLine® 12.5 Gbps Edge Card Connector, 46 Signal, 2 Power, PCB Mounting Thickness 1.57mm, 1 Bay

Documents:

[3D Model](#) [Product Specification PS-76861-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Edge Card Connectors
 Series [76861](#)
 Application Tooling Part Link [621006800](#)
 Application Tooling Part Link [622018734](#)
 Component Type Edgecard to PCB
 Overview [EdgeLine® High Speed Connectors](#)
 Product Name EdgeLine®
 UPC 883906574659

Physical

(p)ower-(s)ignal Configuration 46s - 2p
 Circuits (Loaded) 46
 Circuits (maximum) 48
 Color - Resin Black
 Durability (mating cycles max) 200
 Entry Angle Vertical
 Flammability 94V-0
 Keying to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 5.049g
 PC Tail Length 2.30mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.62mm
 Packaging Type Tray
 Panel Mount Yes
 Pitch - Mating Interface 0.80mm
 Pitch - Termination Interface 0.80mm
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style N/A

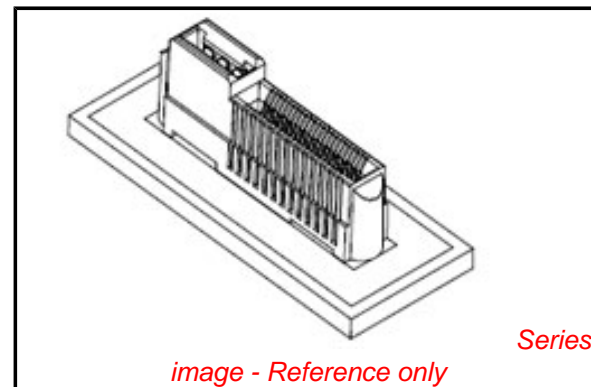
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification PS-76861-100



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

[76861Series](#)

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 46 Circuit Assemblies	0622018734
Removal Tool	0621006800

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