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Part Number: [76861-1120](#)
Status: **Active**
Overview: [EdgeLine® High Speed Connectors](#)
Description: [EdgeLine® Signal Power \(ESP\) Edge Card Connector, 54 Signal, 2 Power](#)

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 [62100-6800](#)
Component Type Edgecard to PCB
Overview [EdgeLine® High Speed Connectors](#)
Product Name EdgeLine®
UPC 884982050242

Physical

(p)ower-(s)ignal Configuration 54s - 1p
Circuits (Loaded) 54
Circuits (maximum) 56
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 over Nickel
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 5.550/g
PC Tail Length 2.30mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 2.36mm
Packaging Type Tray
Panel Mount No
Pitch - Mating Interface 0.80mm
Pitch - Termination Interface 0.80mm
Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Press-Fit

Electrical

Current - Maximum per Contact 30A
Voltage - Maximum 250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification PS-76861-100

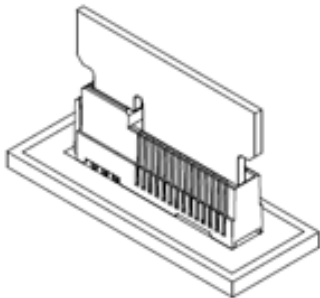


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Series

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

[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

Removal Tool

Product #

[0621006800](#)

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