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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

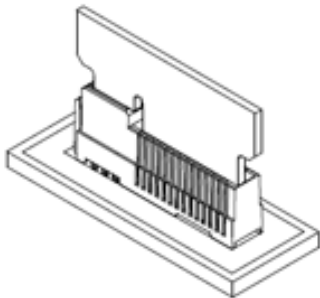


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS



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 #
Removal Tool	0621006800

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