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**Part Number:** [1512141174](#)  
**Status:** **Active**  
**Overview:** [EdgeLine High-Speed Connectors](#)  
**Description:** EdgeLine 25 Vertical Connector, 25 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 2 Bays, 174 Circuits, 38 Differential Pairs, Tray

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Edge Card Connectors  
 Series [151214](#)  
 Component Type Edgecard to PCB  
 Data Rate More than 25.0 Gbps  
 Edge Card Thickness 1.57mm  
 High Power Bay (30.0A or more) No  
 Orientation Vertical  
 Overview [EdgeLine High-Speed Connectors](#)  
 Packaging Alternative [1512142174](#)  
 Product Name EdgeLine  
 Standard Based General  
 UPC 191128121262

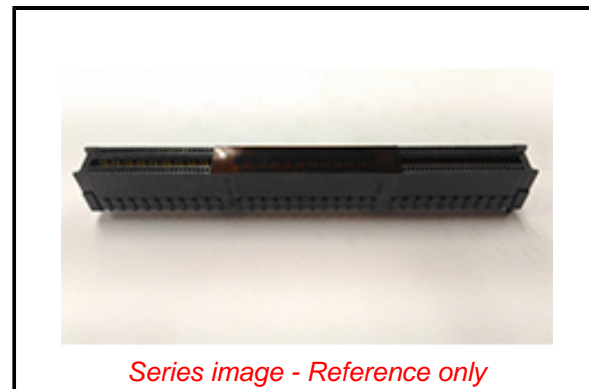
**Physical**

(p)ower-(s)ignal Configuration 174s - 0p  
 Circuit Size Range 65-200 Circuits  
 Circuits (Loaded) 174  
 Circuits (maximum) 174  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Entry Angle N/A  
 Flammability 94V-0  
 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 9.121/g  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.79mm  
 Packaging Type Tray  
 Pitch - Mating Interface 0.80mm  
 Pitch - Termination Interface 0.80mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1.52A  
 Voltage - Maximum 250V AC

**Solder Process Data**



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[151214 Series](#)

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

**Material Info**

This document was generated on 08/30/2019

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