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Part Number: [171774-2118](#)
Status: **Active**
Overview: EdgeLine® High Speed Connectors
Description: EdgeLine® 25 Gbps Edge Card Connector, 118 Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-171774-0001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Edge Card Connectors
 Series [171774](#)
 Component Type Edgecard to PCB
 Overview [EdgeLine® High Speed Connectors](#)
 Product Name EdgeLine®
 UPC 887191255330

Physical

(p)ower-(s)ignal Configuration 118s – 0p
 Circuits (Loaded) 118
 Circuits (maximum) 118
 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 6.409/g
 PC Tail Length 2.30mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm
 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 Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 90
 Lead-free Process Capability Reflow Capable (SMT only)
 Max. Cycles at Max. Process Temperature 2
 Process Temperature max. C 260

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

[171774Series](#)

Material Info

Reference - Drawing Numbers

Product Specification
S-Parameter Model
Sales Drawing

PS-171774-0001
SP-171774-0001
SD-171774-2118

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