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Part Number: [1717742118](#)
Status: **Active**
Overview: EdgeLine High Speed Connectors
Description: EdgeLine 25 Vertical Connector, 25 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 2 Bays, 118 Circuits, 20 Differential Pairs, Tube
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=1512143118151214-3118> Tape and Reel

Documents:

3D Model	Application Specification AS-171774-0001-001 (PDF)
Drawing (PDF)	Application Specification AS-171774-0004-001 (PDF)
Product Specification PS-171774-0001-001 (PDF)	Packaging Specification PK-171812-1000 (PDF)
Product Specification TS-171774-0004-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

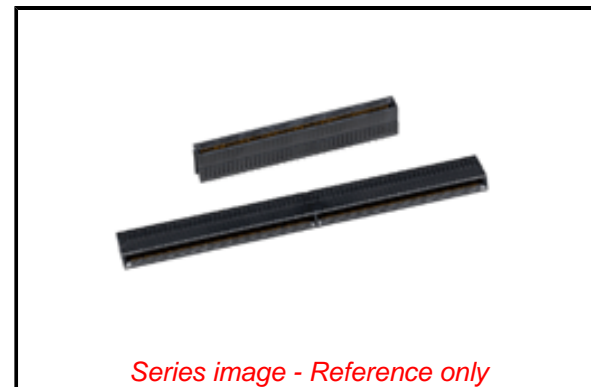
CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	171774
Component Type	Edgecard to PCB
Data Rate	More than 20.0 Gbps
Edge Card Thickness	1.57mm
Electrical Model	Yes
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	EdgeLine High Speed Connectors
Packaging Alternative	171774-1118 (Tray)
Product Name	EdgeLine
Replacement Part Number	151214-3118 Tape and Reel
Standard Based	General
UPC	887191255330

Physical

(p)ower-(s)ignal Configuration	118s – 0p
Circuit Size Range	65-200 Circuits
Circuits (Loaded)	118
Circuits (maximum)	118
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	6.273/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.79mm
Packaging Type	Tube
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2018 (15

January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[171774 Series](#)

Polarized to Mating Part	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	003
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-171774-0001-001, AS-171774-0004-001
Electrical Model Document	EE-171774-0004, EE-171774-0007, REE-171774-0004
Packaging Specification	PK-171812-1000
Product Specification	PS-171774-0001-001, TS-171774-0004-001
S-Parameter Model	SP-171774-0001, SP-171774-0002, SP-171774-0003, SP-171774-0004, SP-171774-0005, SP-171774-0006, SP-171774-0007, SP-171774-0008, SP-171774-0009, SP-171774-0010
Sales Drawing	SD-171774-2118
Symbol/Footprint Data	SYM-171774-2118

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