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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

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
Circuit Size Range	65-200 Circuits
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®
Standard Based	General
UPC	887191255330

Physical

(p)ower-(s)ignal Configuration	118s – 0p
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	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[171774 Series](#)

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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