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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

Documents:

3D Model	Application Specification AS-171774-0004 (PDF)
Drawing (PDF)	Test Summary TS-171774-0004 (PDF)
Product Specification PS-171774-0001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-171774-0001 (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
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	6.169/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/79/2015 (17
December 2015)

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

Green Image
Not Relevant

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) 090
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, AS-171774-0004
Electrical Model Document EE-171774-0004, EE-171774-0005, EE-171774-0006,
EE-171774-0007, EE-171774-0009
Product Specification PS-171774-0001
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
Test Summary TS-171774-0004

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