This document was generated on 03/06/2017

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Part Number: 1717740146
Status: Active
Overview: EdgeLine® High Speed Connectors
Description: EdgeLine® 25 Vertical Connector, 25 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 2 Bays, 146 Circuits, 34 Differential Pairs, Tray



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-171774-0001-001 (PDF)
Product Specification TS-171774-0004-001 (PDF)
Application Specification AS-171774-0001-001 (PDF)
Application Specification AS-171774-0004-001 (PDF)
Packaging Specification PK-171812-2000 (PDF)
Packaging Specification PK-173307-0002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980

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	171774-2146 (Tube)
Product Name	EdgeLine®
Standard Based	General
UPC	887191902319

Physical

(p)ower-(s)ignal Configuration	146s - 0p
Circuits (Loaded)	146
Circuits (maximum)	146
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	6.799/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	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 | **China RoHS**
Compliant

REACH SVHC
Not Contained Per -ED/01/2017 (12 January 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)	040
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
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
Packaging Specification	PK-171812-2000, PK-173307-0002
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-171774-2146