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Part Number:

1512143118

Status:

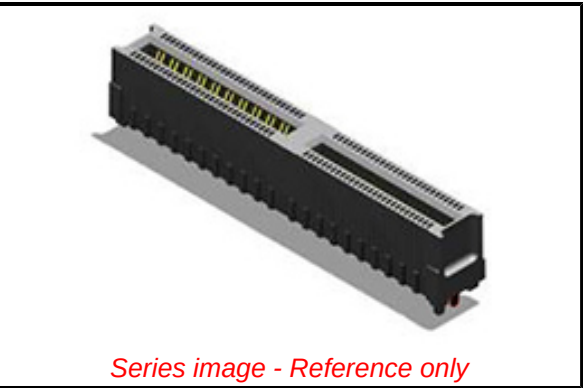
Active

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, Tape and Reel



Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Packaging Specification PK-151214-0003-001 \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	Edge Card Connectors
Series	151214
Component Type	Edgecard to PCB
Data Rate	More than 25.0 Gbps
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
UPC	191128273619
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
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.258/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.79mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.52A
Voltage - Maximum	250V AC
Solder Process Data	

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per -	
ECHA_01_2020 (16	
January 2020	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

151214 Series

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-151214-0003-001
Sales Drawing	SD-151214-0118

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