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Part Number: [1510380098](#)
Status: **Active**
Overview: [EdgeLine High Speed Connectors](#)
Description: EdgeLine+ Vertical Connector, 15 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 98 Circuits

Documents:

3D Model	Application Specification AS-172050-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-151038-0001 (PDF)
Product Specification PS-151038-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	151038
Component Type	Edgecard to PCB
Data Rate	12.5-20.0 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	887191615028

Physical

(p)ower-(s)ignal Configuration	98s - 0p
Circuit Size Range	65-200 Circuits
Circuits (Loaded)	98
Circuits (maximum)	98
Color - Resin	Black
Durability (mating cycles max)	200
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	5.814/g
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	50V AC (RMS)/DC



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[151038 Series](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265

Material Info**Reference - Drawing Numbers**

Application Specification	AS-172050-0001-001
Electrical Model Document	1720500004-000
Packaging Specification	PK-151038-0001
Product Specification	PS-151038-0001-001
Sales Drawing	SD-151038-0098
Symbol/Footprint Data	SYM-151038-0098

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