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Part Number:

1706722278

Status:

Active

Overview:

EdgeLine High-Speed Connectors

Description:

EdgeLine Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 2 Bays, 278 Circuits



Documents:	
3D Model	Application Specification AS-76693-100-001 (PDF)
3D Model (PDF)	Application Specification AS-76693-101-001 (PDF)
Drawing (PDF)	Packaging Specification PK-76693-900 (PDF)
Product Specification PS-75594-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
Application tooling part link	
Application Tooling Part Link	62100-9300
Application Tooling Part Link	62201-8737
General	
Product Family	Edge Card Connectors
Series	170672
Component Type	Edgecard to PCB
Data Rate	12.5-20.0 Gbps
Edge Card Thickness	2.36mm
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
UPC	884982404380
Physical	
(p)ower-(s)ignal Configuration	278s - 0p
Circuit Size Range	201-294 Circuits
Circuits (Loaded)	278
Circuits (maximum)	278
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
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.107/g
PCB Locator	No
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° to +105°C

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
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

170672 Series

Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Removal Tool for 12.5 Gbps Module, 278 Circuit	621009300
Press-In Tool for 12.5 Gbps Coplanar	622018737

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	250V AC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76693-100-001, AS-76693-101-001
Packaging Specification	PK-76693-900
Product Specification	PS-75594-999-001
S-Parameter Model	SP-170545-0001, SP-170545-0002
Sales Drawing	SD-170672-0001, SD-170672-2278
Signal Integrity Report	SI-170545-0001
Symbol/Footprint Data	SYM-170672-2278

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