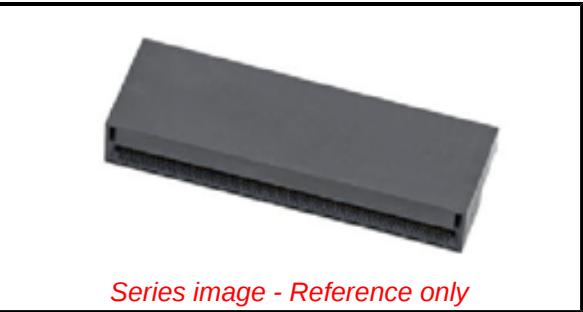


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Part Number: 0762910038
Status: Active
Overview: EdgeLine High-Speed Connectors
Description: EdgeLine CoPlanar Connector, 6 Gbps, 0.75mm Pitch, 1.57mm PCB Thickness, 38 Circuits



Series image - Reference only

Documents:	
3D Model	Application Specification AS-76291-001-001 (PDF)
Drawing (PDF)	Application Specification AS-76291-002-001 (PDF)
Product Specification PS-76291-001-001 (PDF)	Packaging Specification PK-76291-001 (PDF)
Application Specification AS-76291-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Application tooling part link	
Application Tooling Part Link	62100-7100
Application Tooling Part Link	62202-2803

General	
Product Family	Edge Card Connectors
Series	76291
Component Type	Edgecard to PCB
Data Rate	5.0-12.0 Gbps
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	No
Orientation	Coplanar
Overview	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
UPC	883906112738

Physical	
(p)ower-(s)ignal Configuration	38s - 0p
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	38
Circuits (maximum)	38
Color - Resin	Black
Durability (mating cycles max)	200
Entry Angle	N/A
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	5.752/g
PCB Locator	No
PCB Thickness - Recommended	2.79mm
Packaging Type	Tray
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	Through Hole - Compliant Pin

Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

EU ELV
Not Relevant

EU RoHS Compliant	China RoHS
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
76291 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 Coplanar	621007100
Press-In Tool for 12.5 Gbps Coplanar	622022803

Material Info

Reference - Drawing Numbers

Application Specification	AS-76291-0001-001, AS-76291-001-001, AS-76291-002-001
Packaging Specification	PK-76291-001
Product Specification	PS-76291-001-001
S-Parameter Model	SP-76291-0002
Sales Drawing	SD-76291-001-001

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