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Part Number:

1703050118

Status:

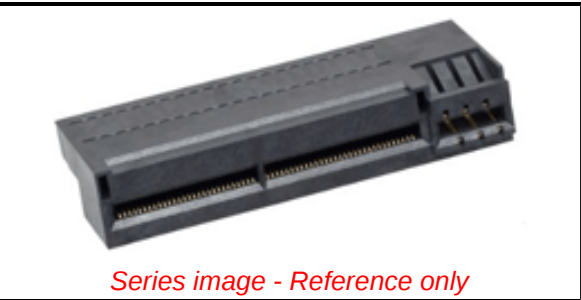
Active

Overview:

EdgeLine High-Speed Connectors

Description:

EdgeLine CoPlanar+ ESP Connector, 15 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 118 Circuits, 30.0A Power Module



Documents:	
3D Model	Application Specification AS-170305-0002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-170305-0001-001 (PDF)
3D Model (PDF)	Test Summary TS-170305-0001-001 (PDF)
Product Specification PS-170305-0001-001 (PDF)	Symbol Footprint Data SYM-170305-0118-001 (PDF)
Application Specification AS-170305-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
Application tooling part link	
Application Tooling Part Link	62100-9400
Application Tooling Part Link	62202-2801
General	
Product Family	Edge Card Connectors
Series	170305
Component Type	Edgecard to PCB
Data Rate	12.5-20.0 Gbps
Edge Card Thickness	2.36mm
Electrical Model	Yes
High Power Bay (30.0A or more)	No
Orientation	Coplanar
Overview	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
Taxonomy	Card Edge Connectors
UPC	887191168760
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)	200
Entry Angle	N/A
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	25.145/g
PCB Locator	No
PCB Thickness - Recommended	2.79mm
Packaging Type	Tray
Pitch - Mating Interface	2.35mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes

EU ELV	
Not Relevant	
EU RoHS	
Compliant	
China RoHS	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

170305 Series

Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	250V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-170305-0001-001, AS-170305-0002-001
Electrical Model Document	EE-170082-0001-001
Packaging Specification	PK-170305-0001-001
Product Specification	PS-170305-0001-001
S-Parameter Model	SP-170082-0001-001
Sales Drawing	SD-170305-0118-001
Symbol/Footprint Data	SYM-170305-0118-001
Test Summary	TS-170305-0001-001

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