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Part Number:

1705451150

Status:

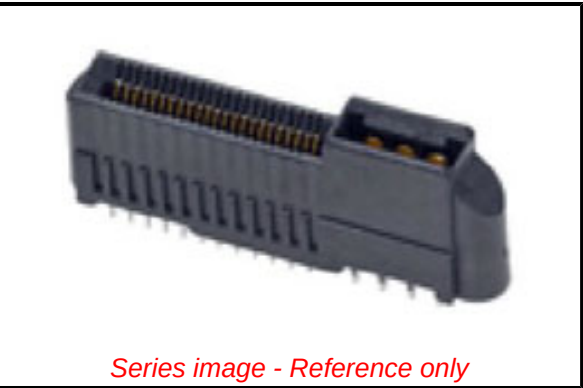
Active

Overview:

EdgeLine® High Speed Connectors

Description:

EdgeLine®ESP, Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 150 Circuits, 30A Power Module, 2 Power Circuits



Documents:	
3D Model	Application Specification AS-76693-100-001 (PDF)
Drawing (PDF)	Packaging Specification PK-170545-5000 (PDF)
Product Specification PS-76861-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Edge Card Connectors
Series	170545
Application Tooling Part Link	62203-0300
Application Tooling Part Link	62203-0310
Circuit Size Range	65-200 Circuits
Component Type	Edgecard to PCB
Data Rate	12.5-20.0 Gbps
Edge Card Thickness	2.36mm
High Power Bay (30.0A or more)	Yes
Orientation	Vertical
Overview	EdgeLine® High Speed Connectors
Product Name	EdgeLine®
Standard Based	General
UPC	884982365056
Physical	
(p)ower-(s)ignal Configuration	150s - 2p
Circuits (Loaded)	150
Circuits (maximum)	150
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 over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	7.900/g
PCB Locator	No
PCB Thickness - Recommended	2.79mm
Packaging Type	Tube
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°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/01/2017 (12	
January 2017)	
Halogen-Free	
Status	
Low-Halogen	
Need more information on product	
environmental compliance?	
Email productcompliance@molex.com	
Please visit the Contact Us section for any	
non-product compliance questions.	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

170545 Series

Current - Maximum per Contact	1.5A, 30.0A
Voltage - Maximum	250V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76693-100-001
Packaging Specification	PK-170545-5000
Product Specification	PS-76861-100-001
Sales Drawing	SD-170545-1150
Signal Integrity Report	SI-170545-0001
Symbol/Footprint Data	SYM-170545-1150

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