



Part Number : 768611000

Product Description : EdgeLine ESP Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 30.0A Power Module, 46 Circuits, 2 Power Circuits

Series Number : 76861


Status : New Business Not Supported

Product Category : Card Edge Connectors

Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	New Business Not Supported
Category	Card Edge Connectors

Series	76861
Description	EdgeLine ESP Vertical Connector, 12.5 Gbps, 0.80mm Pitch, 1.57mm PCB Thickness, 30.0A Power Module, 46 Circuits, 2 Power Circuits
Component Type	Edgecard to PCB
Product Family	EdgeLine High-Speed Connectors
Product Name	EdgeLine
Standard Based	General
UPC	883906574659

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.5A, 30.0A
Data Rate	12.5-20.0 Gbps
High Power Bay (30.0A or more)	Yes
Voltage - Maximum	250V AC (RMS)/DC

Physical

Circuit Size Range	1-64 Circuits
Circuits (Loaded)	46
Circuits (maximum)	48
Color - Resin	Black
Durability (mating cycles max)	200
Edge Card Thickness	1.57mm
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	5.062/g
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Thickness - Recommended	2.79mm
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
(p)ower-(s)ignal Configuration	46s - 2p
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
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