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Part Number:

0459120007

Status:

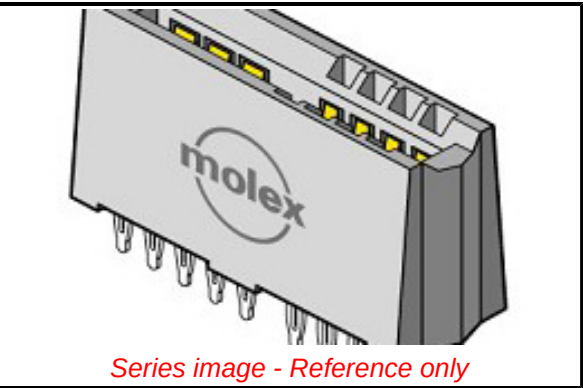
Active

Overview:

Edge Card Connectors

Description:

12.90mm Pitch EXTreme PowerEdge Mixed Power/Signal Card Edge Connector, Double Sided, 3 Segments (Power, Power, Signal Sequence), Press-Fit



Documents:

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-45719-001-001 \(PDF\)](#)

[Packaging Specification PK-45714-001-001 \(PDF\)](#)

[Test Summary TS-45844-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Edge Card Connectors
Series	45912
Component Type	Edgecard to PCB
Data Rate	Unrated
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	Yes
Orientation	Vertical
Overview	Edge Card Connectors
Product Name	EXTreme PowerEdge
Standard Based	General
UPC	822350709873
Physical	
(p)ower-(s)ignal Configuration	2p - 2p - 8s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	250
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	N/A
Material - Metal	High Performance Alloy (HPA), Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.896/g
PC Tail Length	4.50mm
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	12.90mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	3.0A, 40.0A
Voltage - Maximum	250V
Solder Process Data	

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)10043-DC (17 Jan 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

45912 Series

Mates With

1.58mm Double Sided Card Edge

Lead-free	Process Capability	N/A
Material Info		
Reference - Drawing Numbers		
Packaging Specification		PK-45714-001-001
Product Specification		PS-45719-001-001
Sales Drawing		SD-45912-001-001
Test Summary		TS-45844-001-001

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