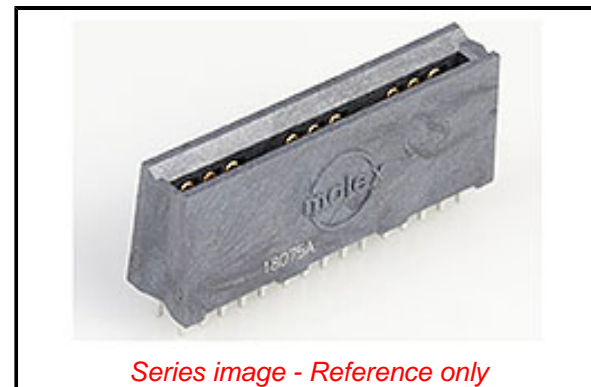


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Part Number: [0457191002](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge Connector, 1 Segment, 2.92mm Tail Length, Through Hole, Mates to 1.57mm Thick Card Edge or Bus Bar Tab

Documents:

3D Model	Packaging Specification PK-45714-001-001 (PDF)
Drawing (PDF)	Test Summary TS-45844-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-45719-001-001 (PDF)	



Series image - Reference only

General

Product Family	Edge Card Connectors
Series	45719
Component Type	Edgecard to PCB
Data Rate	Unrated
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	Yes
Orientation	Vertical
Overview	<u>Edge Card Connectors</u>
Product Name	Bus Bar Socket, EXTreme PowerEdge
Standard Based	General
UPC	887191197029

Physical

(p)ower-(s)ignal Configuration	2p - 0s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical (Top Entry)
Keying to Mating Part	N/A
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.600/g
PC Tail Length	2.92mm
PCB Thickness - Recommended	1.57mm
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

Electrical

Current - Maximum per Contact	40.0A
Voltage - Maximum	250V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

45719 Series

Mates With

1.57mm Double Sided Card Edge or Bus Bar Tab

Packaging Specification
Product Specification
Sales Drawing
Test Summary

PK-45714-001-001
PS-45719-001-001
SD-45719-001-001
TS-45844-001-001

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