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Part Number: [0458440006](#)
Status: **Active**
Overview: [Edge Card Connectors](#)
Description: 2.50mm Pitch EXTreme PowerEdge Signal Connector, Double Sided, 4 Segments Thick PC Board

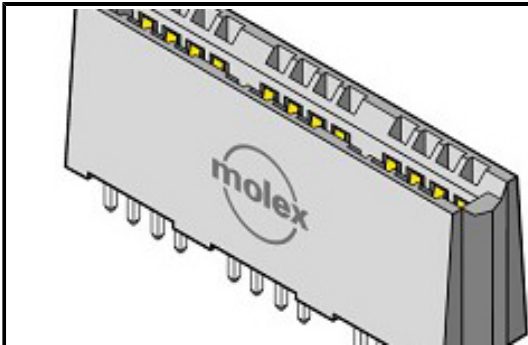
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[3D Model \(PDF\)](#)
[Product Specification PS-45719-001-001 \(PDF\)](#)
[Packaging Specification PK-45714-001-001 \(PDF\)](#)
[Test Summary TS-45844-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Edge Card Connectors
Series	45844
Component Type	Edgecard to PCB
Data Rate	Unrated
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	Edge Card Connectors
Product Name	EXTreme PowerEdge
Standard Based	General
UPC	822350205634

Physical	
(p)ower-(s)ignal Configuration	32s - 0p
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	250
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	N/A
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.088/g
PC Tail Length	3.19mm
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
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	3.0A
Voltage - Maximum	250V

Solder Process Data



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ECHA_01_2020 (16 January 2020 Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[45844 Series](#)

Mates With
1.58mm Double Sided Card Edge

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45714-001-001
Product Specification	PS-45719-001-001
Sales Drawing	SD-45844-001-001
Test Summary	TS-45844-001-001

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