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Part Number: [0458450001](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 2.50mm Pitch EXTreme PowerEdge™, Signal Connector, Double Sided, 2 Segments, 8 Signal Contacts per Segment, Press-Fit

Documents:

[3D Model](#) [Packaging Specification PK-45714-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV 30482572

General

Product Family Edge Card Connectors
Series [45845](#)
Circuit Size Range 1-64 Circuits
Component Type Edgcard 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 822348846528

Physical

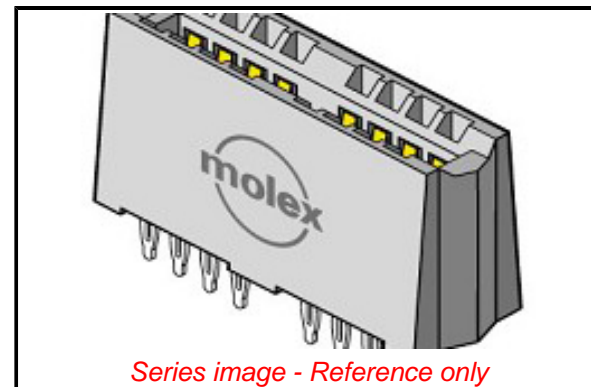
(p)ower-(s)ignal Configuration 16s - 0p
Circuits (Loaded) 16
Circuits (maximum) 16
Color - Resin Black
Durability (mating cycles max) 250
Entry Angle Vertical (Top Entry)
Flammability 94V-0
Keying to Mating Part N/A
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 3.382/g
PC Tail Length 4.50mm
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating Interface 2.50mm
Plating min - Mating 0.762µm
Plating min - Termination 3.810µm
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 3.0A
Voltage - Maximum 250V

Solder Process Data

Lead-freeProcess Capability N/A



Series image - Reference only

EU ELV

Not Relevant

EU 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

[45845 Series](#)

Mates With

1.58mm Double Sided Card Edge

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-45714-001
SD-45845-001

This document was generated on 07/25/2017

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