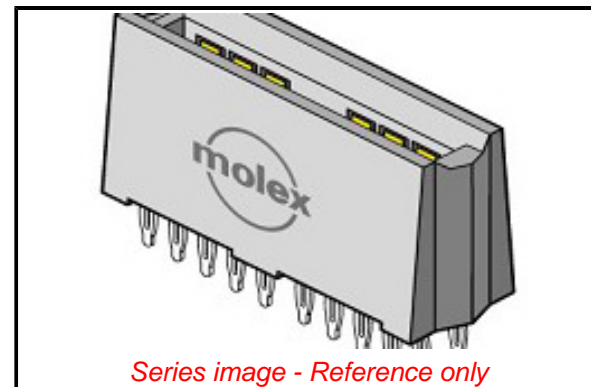


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Part Number: [0457140002](#)
Status: **Active**
Overview: [Edge Card Connectors](#)
Description: 12.90mm Pitch EXTreme PowerEdge Connector, 3 Segments Thick Card Edge or Bus Bar Tab

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)	



Agency Certification

CSA	LR19980
TUV	R72090228
UL	E29179

General

Product Family	Edge Card Connectors
Series	45714
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	Bus Bar Socket, EXTreme PowerEdge
Standard Based	General
UPC	822348678334

Physical

(p)ower-(s)ignal Configuration	6p - 0s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	200
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
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	7.511/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	2.540µm
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[45714 Series](#)

Mates With

1.58mm Double Sided Card Edge or Bus Bar Tab

Solder Process Data

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-45714-001-001

Test Summary TS-45844-001-001

This document was generated on 08/26/2021

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[CT100F22-2-D](#) [CT100F22-3-D](#) [CT100F24-2-D](#) [CT100F24-3-D](#) [CT100F24-6-C](#) [CT156F22-4-D](#)