

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [45714-0001](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge™, Connector, 2 Segments Thick Card Edge or Bus Bar Tab

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72090228
UL	E29179

General

Product Family	Edge Card Connectors
Series	45714
Component Type	Edgecard to PCB
MolexKits	Yes
Overview	Edge Card Connectors
Product Name	Bus Bar Socket, EXTreme PowerEdge™
UPC	822348678327

Physical

(p)ower-(s)ignal Configuration	4p - 0s
Circuits (Loaded)	4
Circuits (maximum)	4
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	5.100/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°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	40A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-45714-001
---------------	--------------

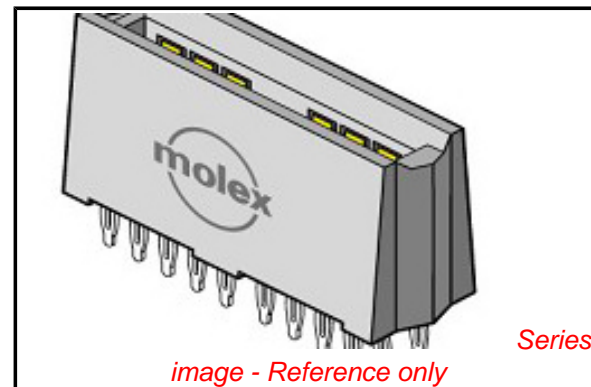


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

45714Series

Mates With

1.58mm Double Sided Card Edge or Bus Bar Tab

This document was generated on 01/19/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION