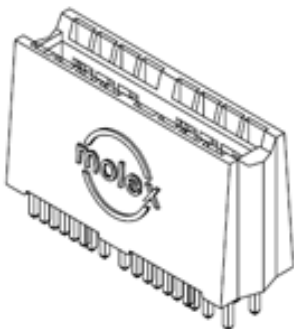


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Part Number: 0457190003
Status: Active
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge™, Through Hole Solder for 3.18mm Thick PC Board, Mates to a 1.57mm Thick Card Edge or Bus Bar Tab

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

Agency Certification	
CSA	LR19980
TUV	R72090228
General	
Product Family	Edge Card Connectors
Series	45719
Circuit Size Range	1-64 Circuits
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	822348678556
Physical	
(p)ower-(s)ignal Configuration	8p - 0s
Circuits (Loaded)	8
Circuits (maximum)	8
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	9.864/g
PC Tail Length	4.50mm
PCB Thickness - Recommended	3.20mm
Packaging Type	Tray
Pitch - Mating Interface	12.90mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	40.0A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE



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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
45719 Series

Mates With
1.58mm Double Sided Card Edge or Bus
Bar Tab

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45714-001
Sales Drawing	SD-45719-001

This document was generated on 03/03/2017

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