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Part Number:

0457190008

Status:

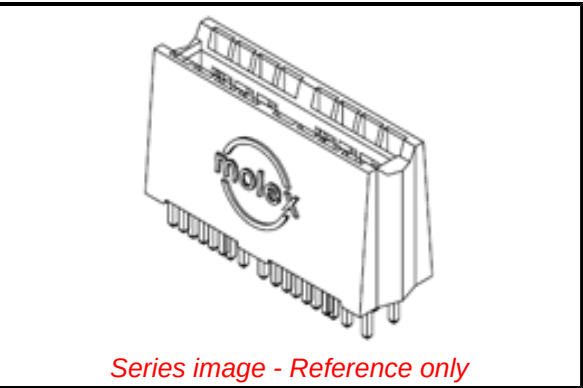
Active

Overview:

Edge Card Connectors

Description:

12.90mm Pitch EXTreme PowerEdge™, Connector, 3 Segments Thick PC Board, Mates to a 1.57mm Thick Card Edge or Bus Bar Tab



Documents:	
3D Model	Packaging Specification PK-45714-001 (PDF)
Drawing (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
MolexKits	Yes
Orientation	Vertical
Overview	Edge Card Connectors
Product Name	Bus Bar Socket, EXTreme PowerEdge™
Standard Based	General
UPC	822348678549
Physical	
(p)ower-(s)ignal Configuration	6p - 0s
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	7.700/g
PC Tail Length	2.92mm
PCB Thickness - Recommended	1.60mm
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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/30/2017 (7 July

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

45719 Series

Mates With

1.58mm Double Sided Card Edge or Bus Bar Tab

Lead-free	Process Capability	WAVE
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 08/29/2017

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