

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0457190007

Status:

Active

Overview:

Edge Card Connectors

Description:

12.90mm Pitch EXTreme PowerEdge Connector, 2 Segments, 2.92mm Tail Length, Through Hole, Mates to 1.57mm Thick Card Edge or Bus Bar Tab

Documents:

3D Model (PDF)

Drawing (PDF)

3D Model

Product Specification PS-45719-001-001 (PDF)

Packaging Specification PK-45714-001-001 (PDF)

Test Summary TS-45844-001-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification		
CSA		LR19980
TUV		R72090228
General		
Product Family		Edge Card Connectors
Series		45719
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
Taxonomy		Card Edge Connectors
UPC		822348678594

Physical	
(p)ower-(s)ignal Configuration	4p - 0s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
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	5.200/g
PC Tail Length	2.92mm
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	12.90mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

45719 Series

Mates With

1.57mm Double Sided Card Edge or Bus Bar Tab

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45714-001-001
Product Specification	PS-45719-001-001
Sales Drawing	SD-45719-001-001
Test Summary	TS-45844-001-001

This document was generated on 01/18/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION