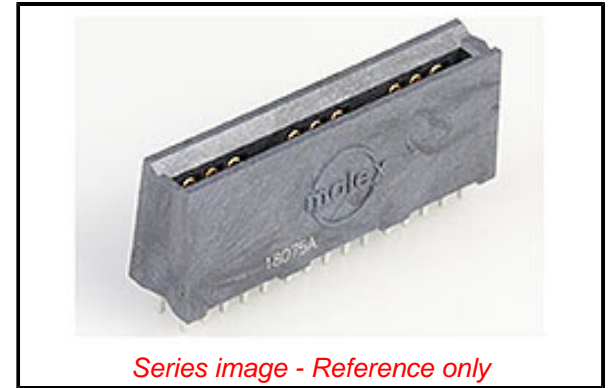


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Part Number: [0457190009](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge Connector, 4 Segments, 2.92mm Tail Length, Through Hole, Mates to 1.57mm Thick Card Edge or Bus Bar Tab

Documents:

| | |
|--|--|
| 3D Model (PDF) | Packaging Specification PK-45714-001-001 (PDF) |
| 3D Model | Test Summary TS-45844-001-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-45719-001-001 (PDF) | |



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 |
| UPC | 822348678570 |

Physical

| | |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 8p - 0s |
| Circuit Size Range | 1-64 Circuits |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| 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 | 10.000/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 |

Solder Process Data

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

[45719 Series](#)

Mates With

1.57mm Double Sided Card Edge or Bus Bar Tab

| | |
|--|------|
| 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 |

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