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Part Number:

45719-0008

Status:

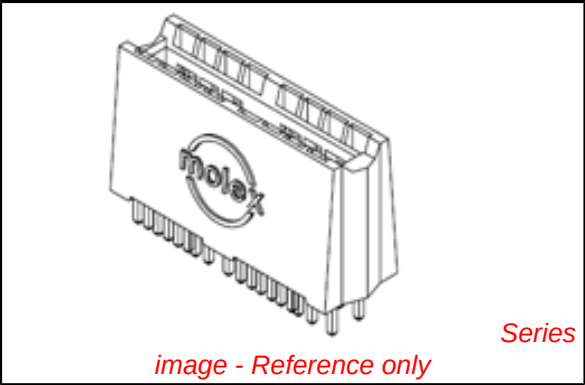
Active

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

Drawing (PDF)

Product Specification PS-45719-001 (PDF)

RoHS Certificate of Compliance (PDF)

| Agency Certification |                                    |
|----------------------|------------------------------------|
| CSA                  | LR19980                            |
| TUV                  | R72090228                          |
| General              |                                    |
| Product Family       | Edge Card Connectors               |
| Series               | 45719                              |
| Component Type       | Edgecard to PCB                    |
| MolexKits            | Yes                                |
| Overview             | Edge Card Connectors               |
| Product Name         | Bus Bar Socket, EXTreme PowerEdge™ |
| 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 | 40A  |
| Voltage - Maximum             | 250V |

| Solder Process Data                            |                        |
|------------------------------------------------|------------------------|
| Duration at Max. Process Temperature (seconds) | 5                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 250                    |

Material Info

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

45719Series

Mates With

1.58mm Double Sided Card Edge or Bus Bar Tab

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-45719-001  
SD-45719-001

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