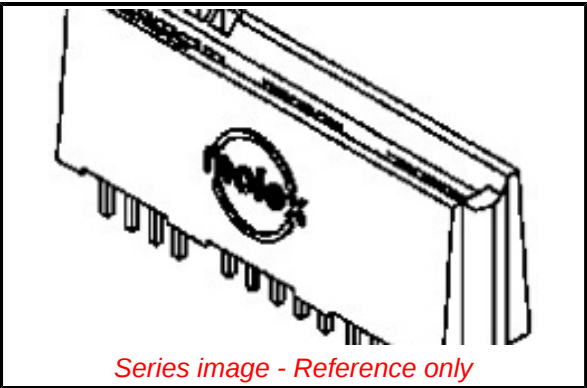


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**Part Number:** [0459110003](#)  
**Status:** **Active**  
**Overview:** [Edge Card Connectors](#)  
**Description:** EXTreme PowerEdge Mixed Power/Signal Card Edge Connector, Double Sided, 2 Segments Thick PC Board



**Documents:**  
[3D Model](#)  
[3D Model \(PDF\)](#)  
[Drawing \(PDF\)](#)  
[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 \(PDF\)](#)

| Agency Certification           |                                      |
|--------------------------------|--------------------------------------|
| CSA                            | LR19980                              |
| UL                             | E29179                               |
| General                        |                                      |
| Product Family                 | Edge Card Connectors                 |
| Series                         | <a href="#">45911</a>                |
| Component Type                 | Edgecard to PCB                      |
| Data Rate                      | Unrated                              |
| Edge Card Thickness            | 1.57mm                               |
| High Power Bay (30.0A or more) | Yes                                  |
| Orientation                    | Vertical                             |
| Overview                       | <a href="#">Edge Card Connectors</a> |
| Product Name                   | EXTreme PowerEdge                    |
| Standard Based                 | General                              |
| UPC                            | 822350709453                         |

| Physical                       |                                |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 2p - 8s                        |
| Circuit Size Range             | 1-64 Circuits                  |
| Circuits (Loaded)              | 10                             |
| Circuits (maximum)             | 10                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 250                            |
| Entry Angle                    | Vertical (Top Entry)           |
| Flammability                   | 94V-0                          |
| Keying to Mating Part          | N/A                            |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 4.336/g                        |
| PC Tail Length                 | 3.19mm                         |
| 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 | 3.0A, 40.0A |
| Voltage - Maximum             | 250V        |

**Solder Process Data**

| EU ELV                                                        |               |
|---------------------------------------------------------------|---------------|
| Not Relevant                                                  |               |
| EU RoHS                                                       |               |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ECHA_01_2020 (16 January 2020)            |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

**Search Parts in this Series**  
[45911 Series](#)

**Mates With**  
1.58mm Double Sided Card Edge

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 245  |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                |
|-------------------------|--------------------------------|
| Packaging Specification | PK-45714-001-001               |
| Product Specification   | PS-45719-001-001               |
| Sales Drawing           | SD-45911-001-001, SD-45911-002 |
| Test Summary            | TS-45844-001-001               |

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