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**Part Number:** **0458440004**  
**Status:** **Active**  
**Description:** 2.50mm (.098") Pitch EXTreme PowerEdge™, Signal Connector, Double Sided, 2 Segments (8 Signal Contacts Per Segment), Through Hole Solder for 1.57mm (.062") Thick PC Board

**Documents:**

[3D Model](#) [Product Specification PS-45719-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Edge Card Connectors  
 Series 45844  
 Component Type Edgecard to PCB  
 Product Name EXTreme PowerEdge™

**Physical**

Circuits (Loaded) 16  
 Circuits (maximum) 16  
 Circuits Detail All Signal  
 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  
 PC Tail Length (in) 0.126 In  
 PC Tail Length (mm) 3.19 mm  
 PCB Thickness Recommended (in) 0.062 In  
 PCB Thickness Recommended (mm) 1.60 mm  
 Packaging Type Tray  
 Pitch - Mating Interface (in) 0.098 In  
 Pitch - Mating Interface (mm) 2.50 mm  
 Plating min: Mating (µin) 30  
 Plating min: Mating (µm) 0.75  
 Plating min: Termination (µin) 150  
 Plating min: Termination (µm) 3.75  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

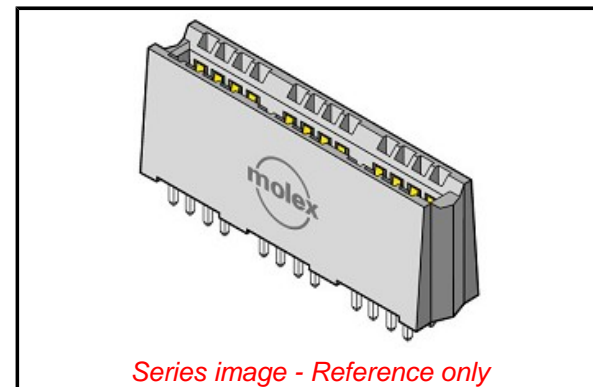
CSA LR 19980  
 Current - Maximum 3A  
 TUV 30482572.001  
 Voltage - Maximum 250V

**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**

**Reference - Drawing Numbers**



Series image - Reference only

**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No**  
**Halogen-Free  
 Status**

**China RoHS**



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 non-product compliance questions.

**Search Parts in this Series**

45844 Series

**Mates With**

1.58mm (.062") double sided card edge

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