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**Part Number:** [46225-5024](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerMass™  
**Description:** EXTreme Power-Mass™ 2.50mm Pitch Right Angle, EXTreme Power-Mass Receptacle Signal Module, 24 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980

**General**

Product Family PCB Receptacles  
 Series [46225](#)  
 Application Board-to-Board, Signal  
 Comments 150A Module Tin Tails  
 Overview [EXTreme PowerMass™](#)  
 Product Name EXTreme PowerMass™

**Physical**

Circuits (Loaded) 24  
 Circuits (maximum) 24  
 Color - Resin Black  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 8  
 Orientation Right Angle  
 PC Tail Length 1.60mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 4.50mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.50mm  
 Pitch - Termination Interface 2.50mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 3A  
 Grounding to PCB No  
 Voltage - Maximum 250V

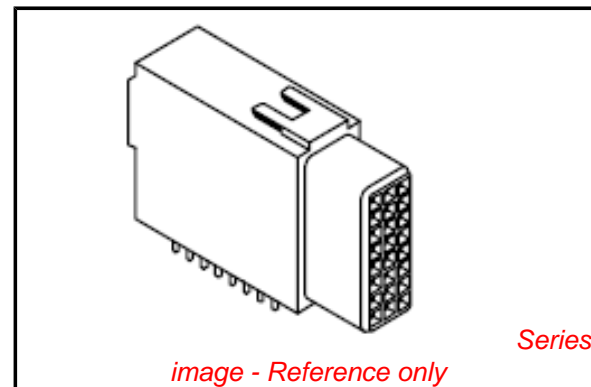


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**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Not Reviewed**  
**Low-Halogen Status  
 Not Reviewed**

**China RoHS**



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 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**

[46225Series](#)

**Mates With**

[755685024](#) EXTreme Power-Mass™ Signal Plug, [755685124](#) EXTreme Power-Mass™ Signal Plug, [755685224](#) EXTreme Power-Mass™ Signal Plug

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SD-46225-100

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