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**Part Number:** [87607-1011](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerPlus™ (SSI)  
**Description:** 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ (SSI) DPS Receptacle, Through Hole, Right Angle, Screw Mount, 26 Circuits, Power Beta 1, Signal 24, Power Alpha 1, Lead-Free

**Documents:**

[3D Model](#) [Application Specification AS-87631-018 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-87606-002 \(PDF\)](#)

**Agency Certification**

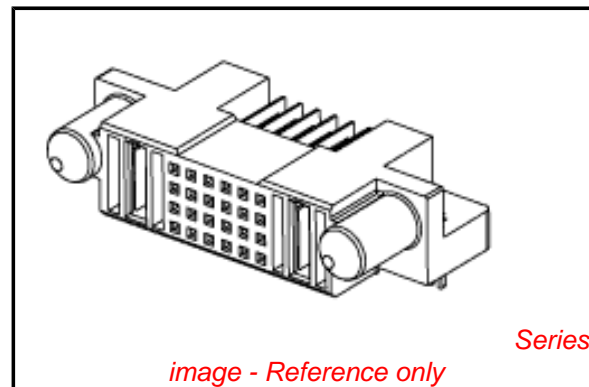
CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [87607](#)  
 Application Board-to-Board, Power  
 Comments Standard Power Blade Position: A1, B1  
 Overview [EXTreme PowerPlus™ \(SSI\)](#)  
 Product Name EXTreme PowerPlus™  
 UPC 822348551897

**Physical**

(p)ower-(s)ignal Configuration 1p - 24s - 1p  
 Circuits (Loaded) 26  
 Circuits (maximum) 26  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 Lock to Mating Part None  
 Material - Metal High Performance Alloy (HPA), Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 12.410/g  
 Number of Rows 4  
 Orientation Right Angle  
 PC Tail Length 3.49mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.40mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm, 6.35mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -20°C to +105°C  
 Termination Interface: Style Through Hole



**EU RoHS**

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

**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**

[87607Series](#)

**Mates With**

[87606 EXTreme PowerPlus™ \(SSI\) DPS Header](#)

**Electrical**

Current - Maximum per Contact 2.5A, 30A  
Voltage - Maximum 50V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 10  
Lead-free Process Capability SMC & Wave Capable (TH only)  
Max. Cycles at Max. Process Temperature 3  
Process Temperature max. C 260

**Material Info****Reference - Drawing Numbers**

Application Specification AS-87631-018  
Product Specification PS-87606-002  
Sales Drawing SD-87607-017

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