

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [87632-2001](#)  
**Status:** **Active**  
**Overview:** [EXTreme PowerPlus™ \(SSI\)](#)  
**Description:** 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Through Hole, Right Angle, Screw Mount, 28 Circuits, Power Beta 2, Signal 24, Power Alpha 2, Lead-Free

**Documents:**

[3D Model](#) [Application Specification AS-87631-018 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-87631-006 \(PDF\)](#)

**Agency Certification**

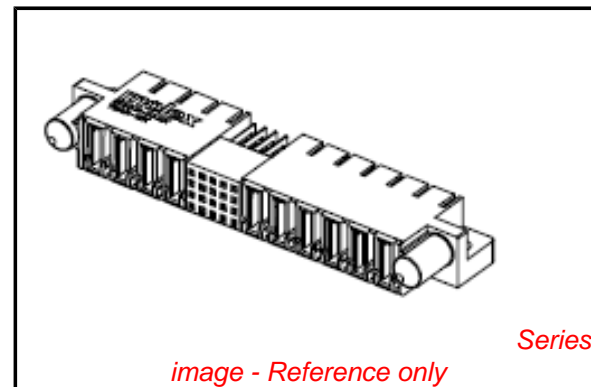
CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [87632](#)  
 Application Board-to-Board, Power  
 Comments No Recessed Power Circuits  
 Overview [EXTreme PowerPlus™ \(SSI\)](#)  
 Product Name EXTreme PowerPlus™  
 UPC 822348519200

**Physical**

(p)ower-(s)ignal Configuration 2p - 24s - 2p  
 Circuits (Loaded) 28  
 Circuits (maximum) 28  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 15.442/g  
 Number of Rows 4  
 Orientation Right Angle  
 PC Tail Length 3.43mm  
 PCB Locator No  
 PCB Retention Yes  
 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  
 Stackable 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**

[87632Series](#)

**Mates With**

[87631 EXTreme PowerPlus™ P-S-P Header](#)

**Electrical**

Current - Maximum per Contact 2.5A, 30A, 50A  
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-87631-006  
Sales Drawing SD-87632-016

This document was generated on 06/30/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**