

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

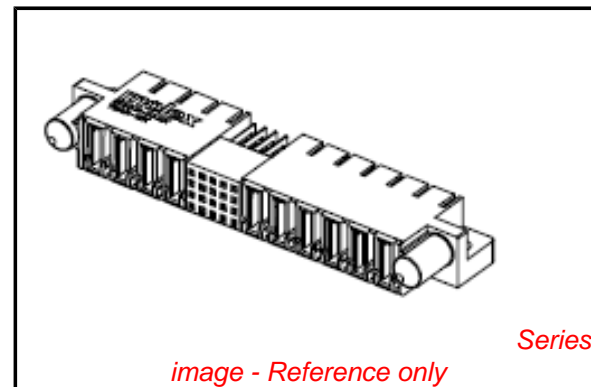
CSA LR19980
 UL E29179

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
 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 FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Power to the Board](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[10131318-08512GRLF](#) [6450171-4](#) [6450552-7](#) [6600323-8](#) [6643429-1](#) [6646040-2](#) [6651939-1](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#)
[1393532-3](#) [1393532-4](#) [1393557-1](#) [1600812-5](#) [1-6450861-2](#) [1645595-1](#) [1743490-1](#) [1744132-7](#) [1761122-1](#) [1766169-1](#) [1766250-1](#) [18362](#)
[1892109-1](#) [1-967627-6](#) [2226808-1](#) [2-6450860-5](#) [2-6450860-6](#) [2-6450870-0](#) [93003-0502](#) [953552-1](#) [1-6450161-4](#) [1-6450850-6](#) [1645526-2](#) [1-](#)
[6600130-0](#) [1743419-1](#) [1766150-1](#) [2005243-2](#) [211110-1](#) [2-6600130-2](#) [TE34-12-16P-F0](#) [5-6450830-6](#) [5646956-4](#) [36662-0005](#) [40585-3000](#) [4-](#)
[6450830-9](#) [4-6600333-3](#) [51142-0214](#) [10134048-911LF](#) [10130248-005LF](#)