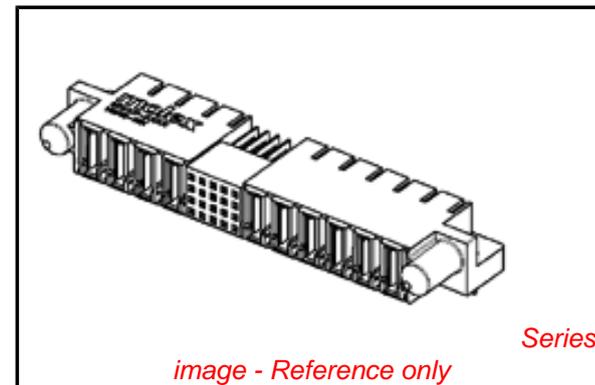


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Part Number: [87632-3020](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Through Hole, Right Angle, with Beveled Metal Pins, 16 Circuits, Power Beta 2, Signal 12, 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 822350976084

Physical

(p)ower-(s)ignal Configuration 2p - 12s - 2p
 Circuits (Loaded) 16
 Circuits (maximum) 16
 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 15.110/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
 Not Reviewed
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 250V DC

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-87632-013

This document was generated on 01/21/2013

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