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Part Number: [87607-1001](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ (SSI) DPS Receptacle, Through Hole, Right Angle, with Beveled Metal Pins, 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 822348551880

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 12.255/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

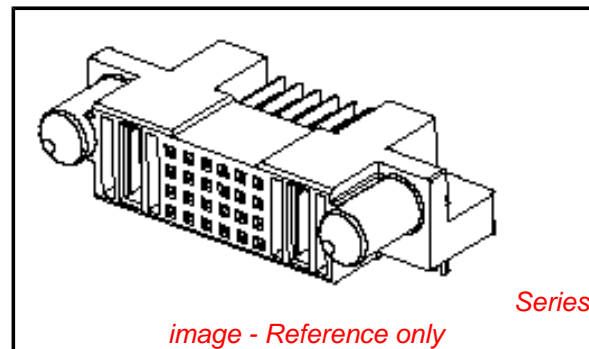


image - Reference only

Series

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

[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-87607-014

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