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Part Number: [87734-2000](#)
Status: **Active**
Overview: [EXTreme PowerPlus™ \(SSI\)](#)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ AC/DC Receptacle, P(A)DC-S-P(B)AC, Through Hole, Vertical, 0.76µm Gold (Au) Selective Plating, 23 Circuits, Recessed Power Pins at all locations except B1, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-87631-018 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-87663-006 \(PDF\)](#) [Product Literature \(PDF\)](#)

Agency Certification

CSA LR19980

General

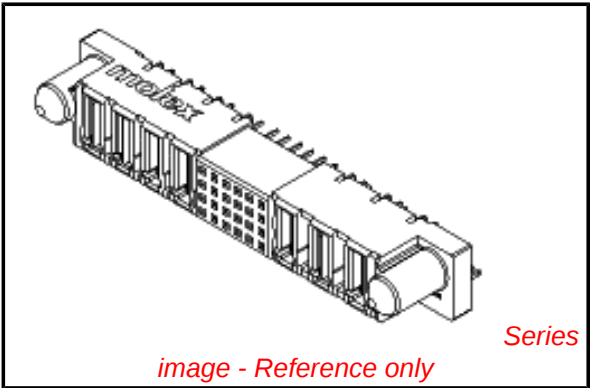
Product Family PCB Receptacles
Series [87734](#)
Application Board-to-Board, Power
Comments Recessed Power Circuit Positions: All except B1
Overview [EXTreme PowerPlus™ \(SSI\)](#)
Product Literature Order No 987650-3002
Product Name EXTreme PowerPlus™
UPC 822348536801

Physical

(p)ower-(s)ignal Configuration 3p - 12s - 8p
Circuits (Loaded) 23
Circuits (maximum) 23
Color - Resin Black
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Lock to Mating Part None
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 14.639/g
Number of Rows 4
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Tray
Pitch - Mating Interface 2.54mm, 6.35mm, 7.62mm
Pitch - Termination Interface 2.54mm, 3.18mm, 3.81mm, 5.08mm
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

Electrical

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



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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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

[87734Series](#)

Mates With

[87663 PCB Header](#)

Voltage - Maximum	250V (RMS)
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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-87663-006
Sales Drawing	SD-87734-020

This document was generated on 07/03/2014

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