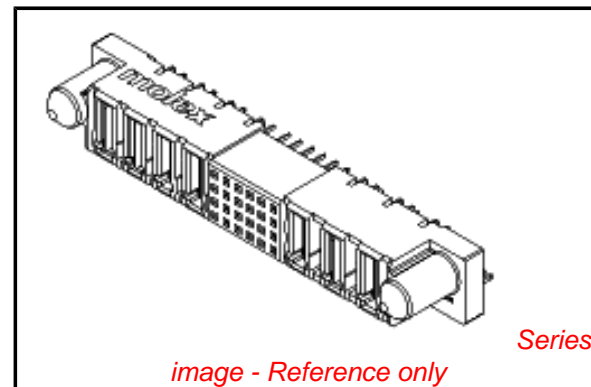


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Part Number: [87734-2000](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ AC/DC Receptacle, P(A)DC-S-P(B)AC, Through Hole, Vertical, 0.76µm Gold (Au) Selective Plating, 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



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

[87734Series](#)

Mates With

[87663 PCB Header](#)

Voltage - Maximum 250V (RMS)

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

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