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Part Number: [0876641002](#)

Status: **Active**

Overview:

Description: 6.35mm (.250") and 7.62mm (.30") Pitch Power, 2.54mm (.100") Pitch Signal, EXTreme PowerPlus™ PB(AC)-S-PA(DC) Receptacle, Through Hole, Right Angle, 23 Circuits, Power Beta 3, Signal 16, Power Alpha 4, Recessed Power Circuit Positions B1, B3 and no Void Si

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

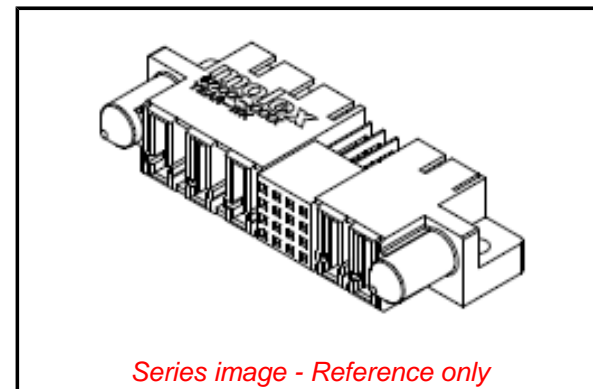
Product Family	PCB Receptacles
Series	87664
Application	Board-to-Board
Comments	Recessed Power Circuit Positions: B1, B3 and no Void Signal Pins
Overview	EXTreme PowerPlus™#153;
Product Name	EXTreme PowerPlus™

Physical

Circuits (Loaded)	23
Circuits Detail	Power Beta 3, Signal 16, Power Alpha 4
Color - Resin	Black
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
Number of Rows	4
Orientation	Right Angle
PC Tail Length (in)	0.135 In
PC Tail Length (mm)	3.43 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (in)	0.250 In
Pitch - Mating Interface (in)	0.300 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Mating Interface (mm)	6.35 mm
Pitch - Mating Interface (mm)	7.62 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
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	2.5A
Current - Maximum	30A



EU RoHS

ELV and RoHS Compliant
REACH SVHC Not Reviewed
Halogen-Free Status Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[87664](#) Series

Mates With

[87663](#) PCB Header with Beveled Metal Pins

Current - Maximum
Voltage - Maximum

50A
250V (RMS)

Material Info

Reference - Drawing Numbers
Sales Drawing

SD-87664-047

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