

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0876331004](#)

**Status:** **Active**

**Overview:**

**Description:** 6.35mm (.250") Pitch, Power, 2.54mm (.100") Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Press-fit, Vertical, 30 Circuits, Power Beta 2, Signal 24, Power Alpha 4, No Recessed Power Circuit, without Beveled Metal Pins, Leadfree

**Documents:**

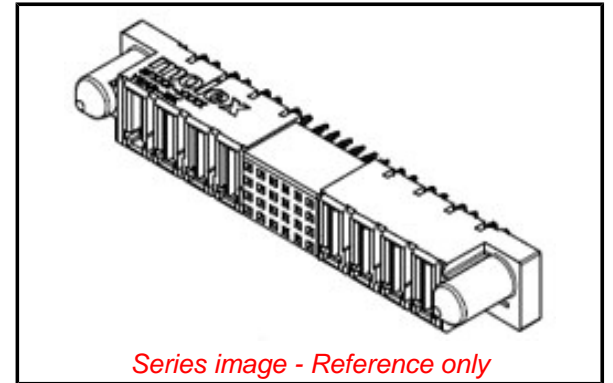
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Literature \(PDF\)](#)

[Product Specification PS-87633-006 \(PDF\)](#)

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



**General**

Product Family	PCB Receptacles
Series	87633
Application	Board-to-Board
Comments	<LI>No Recessed Power Circuits
Overview	EXTreme PowerPlus&#153;
Product Name	EXTreme PowerPlus™

**Physical**

Circuits (Loaded)	30
Circuits Detail	Power Beta 2, Signal 24, Power Alpha 4
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	4
Orientation	Vertical
PC Tail Length (in)	0.135 In
PC Tail Length (mm)	3.43 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.093 In
PCB Thickness Recommended (mm)	2.40 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (in)	0.250 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Mating Interface (mm)	6.35 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
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum	2.5A
Current - Maximum	30A

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

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

**Search Parts in this Series**

[87633 Series](#)

**Mates With**

[87631 EXTreme PowerPlus™ P-S-P Header](#)

Voltage - Maximum

50V DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-87633-006

Sales Drawing

SD-87633-013

This document was generated on 11/04/2009

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**