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**Part Number:** [87633-1002](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerPlus™ (SSI)  
**Description:** 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Press-fit, Vertical, 32 Circuits, Power Beta 4, Signal 24, Power Alpha 4, No Recessed Power Circuit, without Beveled Metal Pins, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-87633-007 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-87633-006 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification AS-87631-018 (PDF)</a>	

**General**

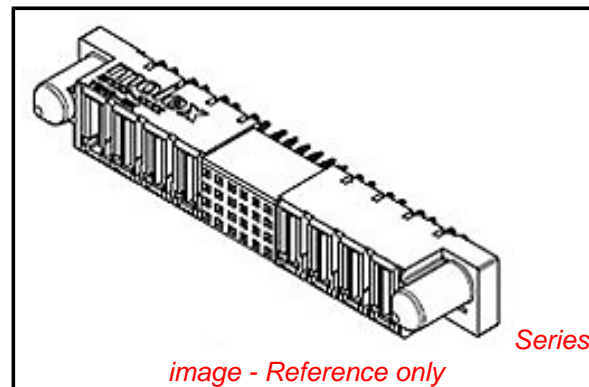
Product Family	PCB Receptacles
Series	<a href="#">87633</a>
Application	Board-to-Board, Power
Comments	<LI>No Recessed Power Circuits
Overview	<u>EXTreme PowerPlus™ (SSI)</u>
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
UPC	822348519644

**Physical**

(p)ower-(s)ignal Configuration	4p - 24s - 4p
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	16.532/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm
Pitch - Termination Interface	2.54mm, 6.35mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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 per Contact	2.5A, 30A
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*image - Reference only*

**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](mailto: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**

[87633Series](#)

**Mates With**

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

Voltage - Maximum

50V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-87631-018, AS-87633-007

Product Specification

PS-87633-006

Sales Drawing

SD-87633-013

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