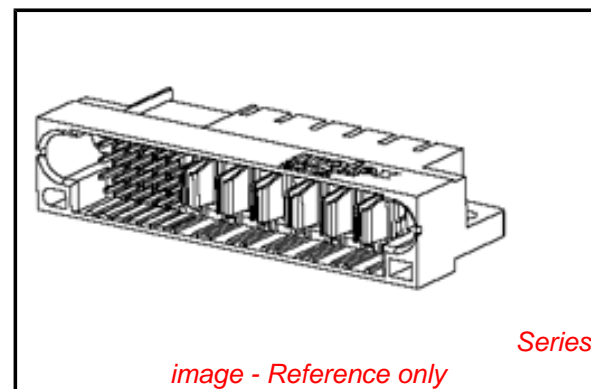


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**Part Number:** [87667-5010](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerPlus™ (SSI)  
**Description:** 6.35mm Pitch Power, 2.54mm Pitch Signal, EXTreme PowerPlus™ S-Pb Header, Through Hole, Right Angle, with Beveled Metal Pins, Long Blade, 34 Circuits, Signal 24, Power Beta 4, No Recessed Signal Pin, Lead-Free

**Documents:**

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



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">87667</a>
Application	Board-to-Board, Power
Comments	<LI>Long Blade<LI>No Recessed Signal Pin
Overview	<a href="#">EXTreme PowerPlus™ (SSI)</a>
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
UPC	822348890118

**Physical**

(p)ower-(s)ignal Configuration	24s - 4p
Breakaway	No
Circuits (Loaded)	34
Circuits (maximum)	34
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	18.750/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm
Pitch - Termination Interface	2.54mm, 3.18mm, 3.81mm, 6.35mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes

**EU RoHS** **China RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**



**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**

[87667Series](#)

**Mates With**

[87668 EXTreme PowerPlus™ S-Pb Receptacles with Beveled Metal Pins, 87710 EXTreme PowerPlus™ S-Pb Receptacles with Press-fit PC Tail](#)

Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole

### **Electrical**

Current - Maximum per Contact	2.5A, 30A
Voltage - Maximum	250V DC

### **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-87631-006
Sales Drawing	SD-87667-013

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