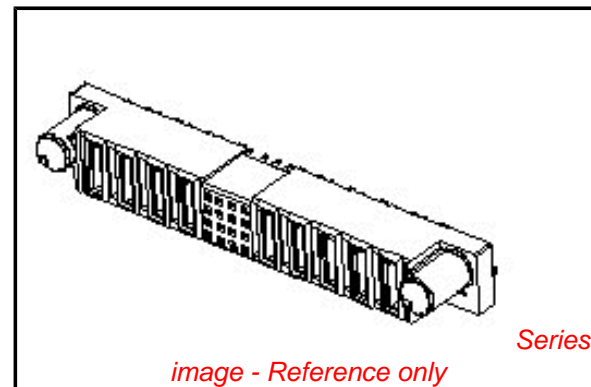


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [87622-4003](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerPlus™ (SSI)  
**Description:** 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Through Hole, Vertical, Power Beta 3, Signal 24, Power Alpha 3, 30 Circuits, 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 Receptacles
Series	<a href="#">87622</a>
Application	Board-to-Board, Power
Overview	<a href="#">EXTreme PowerPlus™ (SSI)</a>
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™


**Physical**

(p)ower-(s)ignal Configuration	3p - 24s - 3p
Circuits (Loaded)	30
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Lock 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	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole, Through Hole - Compliant Pin

**Electrical**

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

**Solder Process Data**

<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Low-Halogen</b>	<b>China RoHS</b> 
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**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**  
[87622Series](#)

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

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-87622-023

This document was generated on 04/30/2012

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