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**Part Number:** [87710-2002](#)  
**Status:** **Active**  
**Overview:** [EXTreme PowerPlus™ \(SSI\)](#)  
**Description:** 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ S-P(B) Receptacle, Press-fit, Vertical, 0.76µm Gold (Au) Plating, 30 Circuits, Power Beta 6, Signal 24, No Recessed Power Circuit, 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>	

**Agency Certification**

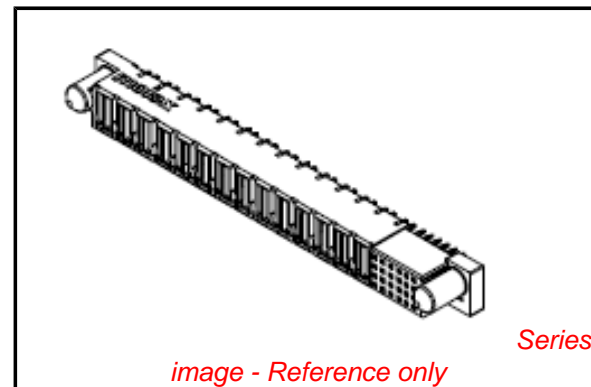
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">87710</a>
Application	Board-to-Board, Power
Comments	No Recessed Power Circuits
Overview	<a href="#">EXTreme PowerPlus™ (SSI)</a>
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
UPC	822348559619

**Physical**

(p)ower-(s)ignal Configuration	6p - 24s
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
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
Net Weight	13.976/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 4.45mm, 6.35mm
Pitch - Termination Interface	2.54mm, 4.45mm, 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



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**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**

[87710Series](#)

**Mates With**

[87667 PCB Headers](#)

Termination Interface: Style

Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact

2.5A, 30A, 50A

Voltage - Maximum

250V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-87631-018, AS-87633-007

Product Specification

PS-87633-006

Sales Drawing

SD-87710-011

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