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Part Number: [87680-2001](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, EXTreme PowerPlus™ All Power Receptacle, Press-fit, Vertical, 0.76µm Gold (Au), 2 Circuits, Tin

Documents:

3D Model	Application Specification AS-87631-018 (PDF)
Drawing (PDF)	Application Specification AS-87633-007 (PDF)
Product Specification PS-87680-006 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

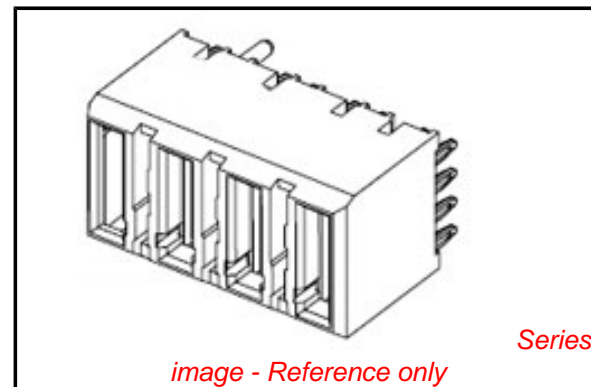
Product Family	PCB Receptacles
Series	87680
Application	Board-to-Board, Power
Comments	Recessed Power Circuit Position: 2
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	822348519675

Physical

(p)ower-(s)ignal Configuration	2p - 0s
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.763/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	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)	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	30A
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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
 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

[87680Series](#)

Mates With

[87658 EXTreme PowerPlus™ Header](#)

Voltage - Maximum

48V

Material Info

Reference - Drawing Numbers

Application Specification

AS-87631-018, AS-87633-007

Product Specification

PS-87680-006

Sales Drawing

SD-87680-010

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