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Part Number: [87691-2002](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, EXTreme PowerPlus™ All Power Receptacle, Press-fit, Vertical, 5 Circuits, Lead-Free

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

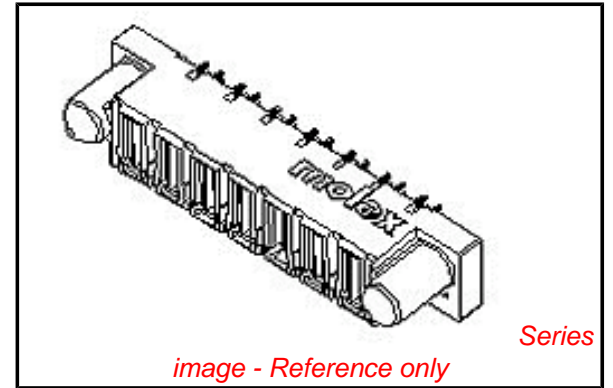
General

Product Family	PCB Receptacles
Series	87691
Application	Board-to-Board, Power
Comments	Recessed Power Circuit Position: 1, 5
Overview	EXTreme PowerPlus™ (SSI)
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
UPC	822348533664

Physical

(p)ower-(s)ignal Configuration	5p - 0s
Circuits (Loaded)	5
Circuits (maximum)	5
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	8.902/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
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
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



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
 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

[87691Series](#)

Mates With

[87658 EXTreme PowerPlus™ Header](#)

Current - Maximum per Contact
Voltage - Maximum

50A
250V DC

Material Info

Reference - Drawing Numbers

Application Specification
Sales Drawing

AS-87631-018, AS-87633-007
SD-87691-010

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