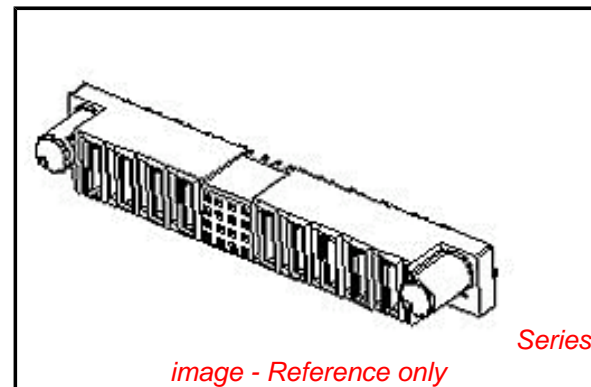


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Part Number: [87622-4003](#)
Status: **Active**
Overview: [EXTreme PowerPlus™ \(SSI\)](#)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Through Hole, Vertical, Power Beta 3, Signal 24, Power Alpha 3, 30 Circuits, Lead-Free

Documents:

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



Agency Certification

CSA	LR19980
UL	E29179


General

Product Family	PCB Receptacles
Series	87622
Application	Board-to-Board, Power
Overview	EXTreme PowerPlus™ (SSI)
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
UPC	822348519194

Physical

(p)ower-(s)ignal Configuration	3p - 24s - 3p
Circuits (Loaded)	30
Circuits (maximum)	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
Net Weight	15.414/g
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

EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Low-Halogen	China RoHS 
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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
[87622Series](#)

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

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-87622-023

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