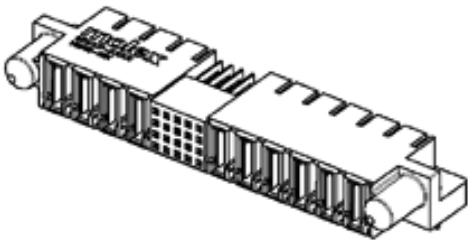


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Part Number: [0876323017](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Through Hole, Right Angle, with Beveled Metal Pins, 36 Circuits, Power Beta 4, Signal 28, Power Alpha 4, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-87631-006-001 \(PDF\)](#)
[Application Specification AS-87631-018-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Receptacles
Series	87632
Application	Board-to-Board, Power
Comments	No Recessed Power Circuits
Overview	<u>EXTreme PowerPlus™ (SSI)</u>
Product Name	EXTreme PowerPlus™
UPC	822348731565
Physical	
(p)ower-(s)ignal Configuration	4p - 28s - 4p
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	28.371/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
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
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A, 30.0A, 50.0A
Voltage - Maximum	50V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[87632](#) Series

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

Lead-free	Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature		003
Process Temperature max. C		260

Material Info

Reference - Drawing Numbers

Application Specification	AS-87631-018-001
Product Specification	PS-87631-006-001
Sales Drawing	SD-87632-013

This document was generated on 11/16/2016

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