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Part Number: [87633-1029](#)
Status: **Active**
Overview: [EXTreme PowerPlus™ \(SSI\)](#)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Press-fit, Vertical, 22 Circuits, Power Beta 2, Signal 16, Power Alpha 4, No Recessed Power Circuit, without Beveled Metal Pins, Lead-Free

Documents:

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

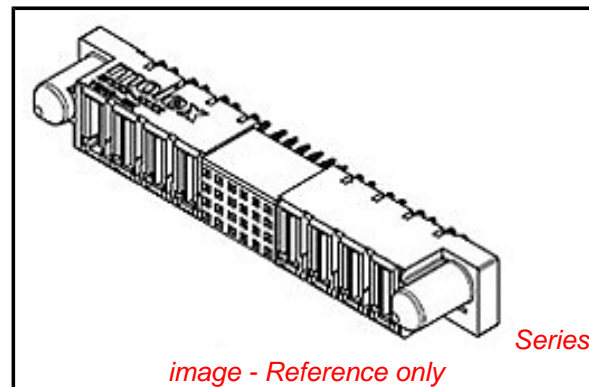


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General

Product Family	PCB Receptacles
Series	87633
Application	Board-to-Board, Power
Comments	No Recessed Power Circuits
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	883906320584

Physical

(p)ower-(s)ignal Configuration	2p - 16s - 4p
Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	100
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	13.112/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm
Pitch - Termination Interface	2.54mm, 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

Current - Maximum per Contact	2.5A, 30A
Voltage - Maximum	50V DC

Material Info

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

87633Series

Mates With

87631 EXTreme PowerPlus™ P-S-P Header

Reference - Drawing Numbers

Application Specification

Product Specification

Sales Drawing

AS-87631-018, AS-87633-007

PS-87633-006

SD-87633-013

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