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Part Number: [87633-1024](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Press-fit, Vertical, 28 Circuits, Power Beta 2, Signal 24, Power Alpha 2, Recessed Power Circuit Position A2, B2, with Beveled Metal Pin Option, Lead-Free

Documents:

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

General

Product Family	PCB Receptacles
Series	87633
Application	Board-to-Board, Power
Comments	With Beveled Metal Pin Option Recessed Power Circuit Positions: A2, B2
Overview	EXTreme PowerPlus™ (SSI)
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™

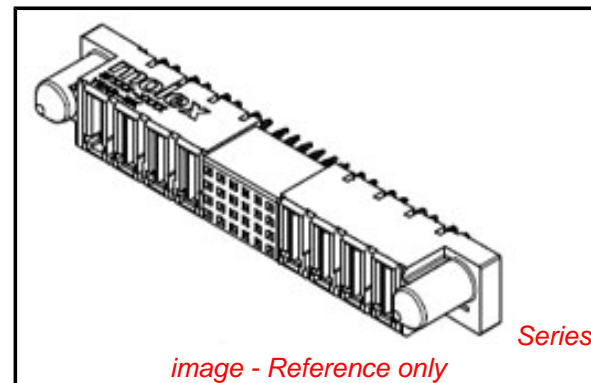
Physical

(p)ower-(s)ignal Configuration	2p - 24s - 2p
Circuits (Loaded)	28
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
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
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 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

[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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