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Part Number:

0876331026

Status:

Contact Molex

Overview:

extreme_powerplus_ssi

Description:

6.35mm (.250") Pitch, Power, 2.54mm (.100") Pitch, Signal, EXTreme PowerPlus™ P-S-P Receptacle, Press-fit, Vertical, 56 Circuits, Power Beta 4, Signal 48, Power Alpha 4, No Recessed Power Circuit, with Beveled Metal Pin Option, Leadfree

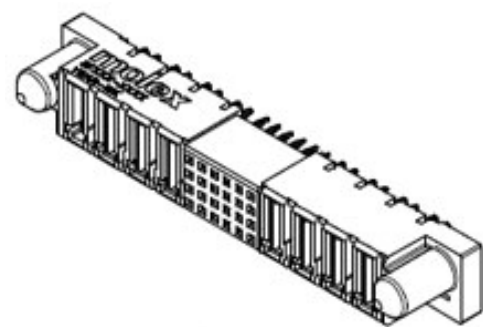


image - Reference onlySeries

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)

General	
Product Family	PCB Receptacles
Series	87633
Application	Board-to-Board, Power
Comments	No Recessed Power CircuitsWith Beveled Metal Pin Option
Overview	extreme_powerplus_ssi
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
Physical	
(p)ower-(s)ignal Configuration	4p - 48s - 4p
Circuits (Loaded)	56
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	No
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 (.135")
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm (.094")
Packaging Type	Tray
Pitch - Mating Interface	2.54mm (.100"), 6.35mm (.250")
Pitch - Termination Interface	2.54mm (.100"), 6.35mm (.250")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	2.540µm (100µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	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	
Reference - Drawing Numbers	

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

Application Specification
Product Specification
Sales Drawing

AS-87631-018, AS-87633-007
PS-87633-006
SD-87633-013

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