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Part Number:

0876634007

Status:

Contact Molex

Overview:

extreme_powerplus_ssi

Description:

6.35mm (.250") Pitch Power (DC), 7.62mm (.300") Pitch Power (AC), 2.54mm (.100") Pitch Signal, EXTreme PowerPlus™ Header, Right Angle, Screw Mount, 31 Circuits, Power Alpha 4, Signal 16, Power Beta 4, Long Contacts, Lead-free

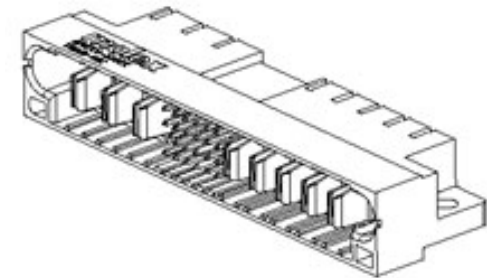


image - Reference only

Series

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87663-006 (PDF)

Application Specification AS-87631-018 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	87663
Application	Board-to-Board, Power
Comments	Long Blade Recessed Signal Pin : None
Overview	extreme_powerplus_ssi
Product Literature Order No	987650-3002
Product Name	EXTreme PowerPlus™
Physical	
(p)ower-(s)ignal Configuration	4p - 16s - 4p
Breakaway	No
Circuits (Loaded)	24
Color - Resin	Black
First Mate / Last Break	No
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	Right Angle
PC Tail Length	3.43mm (.135")
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm (.062")
Packaging Type	Tray
Pitch - Mating Interface	2.54mm (.100"), 6.35mm (.250"), 7.62mm (.300")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	2.540µm (100µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A, 30A, 50A
Voltage - Maximum	250V

Solder Process Data

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Reviewed

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

87663Series

Mates With

87664 PCB Receptacle with Beveled Metal Pins. 87734 Vertical PCB Receptacle

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-87663-006
Sales Drawing	SD-87663-013

This document was generated on 05/12/2011

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