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Part Number: [0876674006](#)

Status: **Active**

Overview:

Description: 6.35mm (.250") Pitch Power, 2.54mm (.100") Pitch Signal, EXTreme PowerPlus™ S-Pb Header, Through Hole, Right Angle, Screw Mount, Long Blade, 30 Circuits, Signal 24, Power Beta 6, No Recessed Signal Pin, Lead-free

Documents:

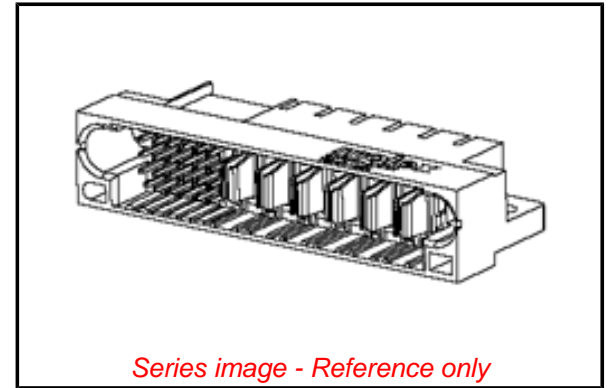
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Literature \(PDF\)](#)

[Product Specification PS-87631-006 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



General

Product Family	PCB Headers
Series	87667
Application	Board-to-Board
Comments	Long BladeNo Recessed Signal Pin
Overview	EXTreme PowerPlus™
Product Name	EXTreme PowerPlus™

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits Detail	Signal 24 Power Beta 6
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
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
Number of Rows	4
Orientation	Right Angle
PC Tail Length (in)	0.135 In
PC Tail Length (mm)	3.43 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (in)	0.250 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Mating Interface (mm)	6.35 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (in)	0.125 In
Pitch - Term. Interface (in)	0.250 In
Pitch - Term. Interface (mm)	2.54 mm
Pitch - Term. Interface (mm)	3.18 mm
Pitch - Term. Interface (mm)	6.35 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	100

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status

China RoHS



Not Reviewed

Need more information on product environmental compliance?

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

Duration at Max.	10
Process Temperature (seconds)	
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max.	3
Process Temperature	
Process Temperature max. C	260

Search Parts in this Series

[87667 Series](#)

Mates With

[87668](#) EXTreme PowerPlus™ S-Pb Receptacles with Beveled Metal Pins. [87710](#) EXTreme PowerPlus™ S-Pb Receptacles with Press-fit PC Tail

Plating min: Termination (µm)	2.54
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	2.5A
Current - Maximum	30A
Voltage - Maximum	250V DC

Material Info**Reference - Drawing Numbers**

Product Specification	PS-87631-006
Sales Drawing	SD-87667-010

This document was generated on 11/05/2009

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