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**Part Number:** [0876674004](#)

**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, 20 Circuits, Signal 16, Power Beta 4, Recessed Signal Pin A1, Lead-free

**Documents:**

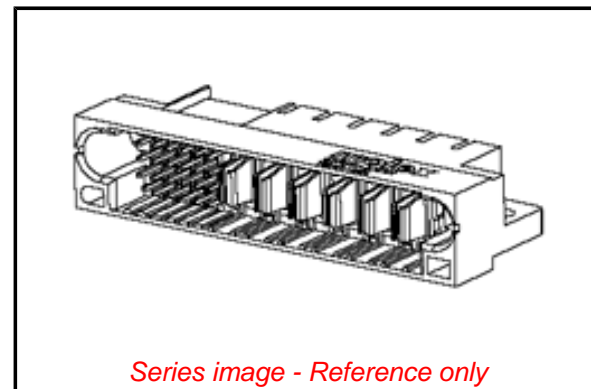
[3D Model](#)

[Drawing \(PDF\)](#)

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

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

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



*Series image - Reference only*

**General**

Product Family	PCB Headers
Series	87667
Application	Board-to-Board
Comments	<LI>Long Blade<LI>Recessed Signal Pin: A1
Overview	EXTreme PowerPlus&#153;
Product Name	EXTreme PowerPlus™

**Physical**

Breakaway	No
Circuits (Loaded)	20
Circuits Detail	Signal 16 Power Beta 4
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	Yes
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**



**Need more information on product environmental compliance?**

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Please visit the [Contact Us](#) section for any non-product compliance questions.

**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

**Solder Process Data**

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**

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

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