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Part Number: [87606-1001](#)
Status: **Active**
Overview: [EXTreme PowerPlus™ \(SSI\)](#)
Description: 6.35mm Pitch Power, 2.54mm Pitch Signal, EXTreme PowerPlus™ (SSI) DPS Header, Through Hole, Right Angle, Screw Mount, Power Alpha 1, Signal 24, Power Beta 1, B4 Recessed Signal Pin, Short Blade, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-87606-002 \(PDF\)](#)
[Application Specification AS-87631-018 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	87606
Application	Board-to-Board, Power
Comments	Recessed Signal Pin : B4 Short Blade
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	822348536740

Physical

(p)ower-(s)ignal Configuration	1p - 24s - 1p
Breakaway	No
Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	Yes
Flammability	94V-0
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
Net Weight	13.845/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully

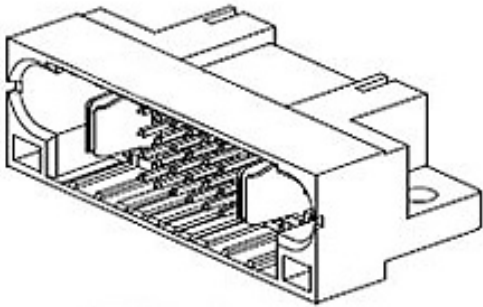


image - Reference only

Series

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
[87606Series](#)

Mates With
87607 PCB Receptacle with Beveled Metal Pins, 87695 PCB Receptacle with Press-fit PC Tails

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.5A, 30A
Voltage - Maximum	50V 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

Application Specification	AS-87631-018
Product Specification	PS-87606-002
Sales Drawing	SD-87606-015

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