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Part Number: [87606-2003](#)
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, C1 and C6 Recessed Signal Pins, Long Blade, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [87606](#)
 Application Board-to-Board, Power
 Comments Long BladeRecessed Signal Pins : C1, C6
 Overview [EXTreme PowerPlus™ \(SSI\)](#)
 Product Name EXTreme PowerPlus™
 UPC 822348536764

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 14.832/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

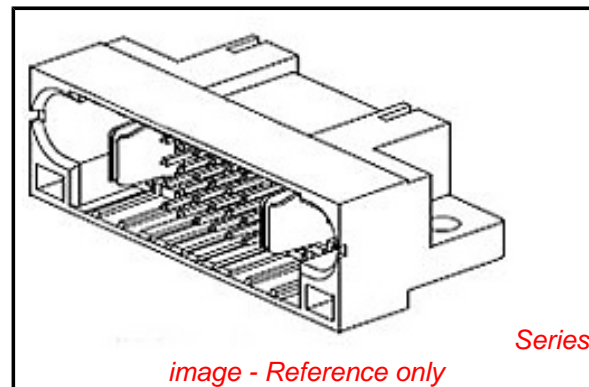


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Not Reviewed
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

[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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