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Part Number:

87631-2023

Status:

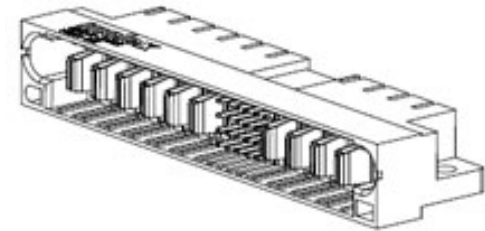
Active

Overview:

EXTreme PowerPlus™ (SSI)

Description:

6.35mm Pitch Power, 3.18mm, 2.54mm Pitch Signal, EXTreme PowerPlus™ P-S-P Header, Through Hole, Right Angle, Long Contacts, 30 Circuits, Power Alpha 3, Signal 24, Power Beta 3, Recessed Signal Pins B3, D6, Lead-Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-87631-006 \(PDF\)](#)
- [Application Specification AS-87631-018 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

TUV

R50078473

General

Product Family

PCB Headers

Series

87631

Application

Board-to-Board, Power

Comments

Long Contacts|Recessed Signal Pins: B3, D6

Overview

EXTreme PowerPlus™ (SSI)

Product Name

EXTreme PowerPlus™

UPC

822350395205

Physical

(p)ower-(s)ignal Configuration

3p - 24s - 3p

Breakaway

No

Circuits (Loaded)

30

Circuits (maximum)

30

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

23.775/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, 3.18mm, 6.35mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

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
87631Series

Mates With
87633 Vertical Press-Fit Receptacle, 87622 Vertical Through Hole Receptacle, 87632 Right Angle Through Hole Receptacle

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 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-87631-006
Sales Drawing	SD-87631-014

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