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Part Number:

0876312028

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 Pin at D2, Lead-Free

Documents:

3D Model

Application Specification AS-87631-018-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-87631-006-001 (PDF)

Agency Certification

CSA

LR19980

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

87631

Board-to-Board, Power

Long Contacts|Recessed Signal Pin: D2

EXTreme PowerPlus™ (SSI)

EXTreme PowerPlus™

822350833059

Physical

(p)ower-(s)ignal Configuration

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

3p - 24s - 3p

No

30

30

Black

100

Yes

94V-0

No

Yes

Yes

No

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

23.779/g

4

Right Angle

3.43mm

No

Yes

1.57mm

Tray

2.54mm, 3.18mm, 6.35mm

0.762µm

2.540µm

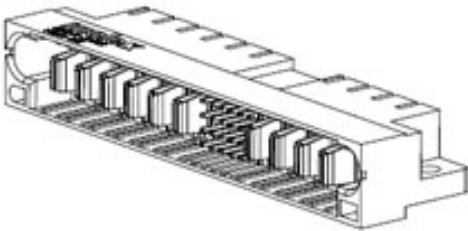
Yes

Yes

Fully

No

-20°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

87631 Series

Mates With

87633 Vertical Press-Fit Receptacle, 87622

Vertical Through Hole Receptacle, 87632

Right Angle Through Hole Receptacle

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A, 30.0A, 50.0A
Voltage - Maximum	250V DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-87631-018-001
Product Specification	PS-87631-006-001
Sales Drawing	SD-87631-014

This document was generated on 12/28/2016

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