

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2018421030

Status:

Active

Overview:

MultiCat Power Connectors with Precision-Machined Contacts

Description:

MultiCat High-Power Vertical Header, 3 Circuits, Key A, Black

Documents:

- Drawing (PDF)

Packaging Specification 2018420000-PK-000 (PDF)
- 3D Model

Test Summary 2018400000-TS-000 (PDF)
- 3D Model (PDF)

Datasheet (PDF)
- Product Specification 2018400000-PS-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 2018400000-AS-000 (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

201842

Power, Wire-to-Board

MultiCat Power Connectors with Precision-Machined Contacts

MultiCat

889056747691

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

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

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Temperature Range - Operating

Termination Interface: Style

No

3

3

Black

500

No

94V-0

No

No

Yes

Yes

Copper Alloy

Gold

Tin

PEI

8.315/g

1

Vertical

2.50mm

Tray

7.40mm

0.102µm

5.080µm

Yes

Yes

Yes

-40° to +150°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

40.0A

1000V AC/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with
Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
Lead

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

201842 Series

Mates With

MultiCat High-Power Inline Receptacle
Housing 201841

Material Info

Engineering Number 2018421030-FCT

Reference - Drawing Numbers

Application Specification 2018400000-AS-000
Packaging Specification 2018420000-PK-000
Product Specification 2018400000-PS-000
Sales Drawing 2018420000-SD-000
Test Summary 2018400000-TS-000

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