



**Part Number :** [2018431031](#)  
**Product Description :** MultiCat High-Power Right-Angle Header, 3 Circuits, Key B, Gray  
**Series Number :** 201843  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** 2018431031-FCT



Documents & Resources

Drawings

[2018431031\\_sd.pdf](#)  
[2018420000-PK-000.pdf](#)

3D Models and Design Files


[2018431031\\_stp.zip](#)  
[SYM-201843-1030-001.zip](#)

Specifications

[2018400000-AS-000.pdf](#)  
[2018400000-PS-000.pdf](#)  
[2018400000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 3; 44; 33; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

## Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	201843
Description	MultiCat High-Power Right-Angle Header, 3 Circuits, Key B, Gray
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	MultiCat
UPC	889056747684

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	40.0A
Voltage - Maximum	1000V AC/DC

#### Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Gray

Durability (mating cycles max)	500
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	PEI
Net Weight	11.086/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Thickness - Recommended	2.50mm
Pitch - Mating Interface	7.40mm
Plating min - Mating	0.102µm
Plating min - Termination	5.080µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Temperature Range - Operating	-40° to +150°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
MultiCat High-Power Inline Receptacle Housings	<u>201841</u>

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