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**Part Number:** [2018431030](#)  
**Status:** **Active**  
**Overview:** [MultiCat Power Connectors with Precision-Machined Contacts](#)  
**Description:** [MultiCat Right-Angle Header, 3 Circuits, Black, Key A](#)

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [201843](#)  
 Application Power, Wire-to-Board  
 Overview [MultiCat Power Connectors with Precision-Machined Contacts](#)  
 Product Literature Order No 987651-4731  
 Product Name MultiCat  
 UPC 889056747639

**Physical**

Breakaway No  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Black  
 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 over Nickel  
 Material - Plating Termination Tin over Nickel  
 Material - Resin PEI  
 Net Weight 5.824/g  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Thickness - Recommended 2.50mm  
 Packaging Type Tray  
 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

**Electrical**

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

**Material Info**

Engineering Number 2018431030-FCT



**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

**Search Parts in this Series**

[201843 Series](#)

**Mates With**

[MultiCat Inline Receptacle Housing 201841](#)

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