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

Documents:

3D Model (PDF)	Packaging Specification 2018420000-PK-000 (PDF)
Drawing (PDF)	Test Summary 2018400000-TS-000 (PDF)
3D Model	Datasheet (PDF)
Product Specification 2018400000-PS-000 (PDF)	Symbol Footprint Data SYM-201843-1030-001 (PDF)
Application Specification 2018400000-AS-000 (PDF)	RoHS Certificate of Compliance (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 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
Material - Plating Termination	Tin
Material - Resin	PEI
Net Weight	11.086/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

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)

Lead

Halogen-Free

Status

Low-Halogen

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[201843 Series](#)

Mates With

MultiCat High-Power Inline Receptacle Housing [201841](#) . MultiCat Cable Assembly [451410301](#) , [451410310](#)

Material Info

Engineering Number

2018431030-FCT

Reference - Drawing Numbers

Application Specification

2018400000-AS-000

Packaging Specification

2018420000-PK-000

Product Specification

2018400000-PS-000

Sales Drawing

2018430000-SD-000

Symbol/Footprint Data

SYM-201843-1030-001

Test Summary

2018400000-TS-000

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