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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	Packaging Specification 2018420000-PK-000 (PDF)
Drawing (PDF)	Test Summary 2018400000-TS-000 (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	PCB Headers
Series	201843
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	40.0
Datasheet Order No	987651-4731
Overview	MultiCat Power Connectors with Precision-Machined Contacts
PITCH-MATING-NUMERIC	7.40
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	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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per - ED/88/2018 (15 January 2019)

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

[201843 Series](#)

Mates With

MultiCat High-Power Inline Receptacle Housing [201841](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

40.0A
1000V AC/DC

Material Info**Reference - Drawing Numbers**

Application Specification	2018400000-AS-000
Packaging Specification	2018420000-PK-000
Product Specification	2018400000-PS-000
Sales Drawing	2018430000-SD-000
Test Summary	2018400000-TS-000

This document was generated on 07/29/2019

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