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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:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2018420000-PK-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 2018400000-TS-000 (PDF)</a>
<a href="#">Product Specification 2018400000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 2018400000-AS-000 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">201843</a>
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	40.0
Datasheet Order No	987651-4731
Overview	<a href="#">MultiCat Power Connectors with Precision-Machined Contacts</a>
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/71/2019 (16 July 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
Symbol/Footprint Data	SYM-201843-1030
Test Summary	2018400000-TS-000

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