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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	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)	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 Compliant	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°C to +150°C
Termination Interface: Style	Through Hole

Electrical

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



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

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

China ROHS Not Reviewed

ELV Not Reviewed

RoHS Phthalates Not Reviewed

Search Parts in this Series

[201843 Series](#)

Mates With

[MultiCat™ Inline Receptacle Housing 201841](#)

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

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