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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	China 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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