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**Part Number:** [2018421040](#)  
**Status:** **Active**  
**Overview:** MultiCat Power Connectors with Precision-Machined Contacts  
**Description:** MultiCat High-Power Vertical Header, 4 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="#">3D Model (PDF)</a>	<a href="#">Datasheet (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="#">201842</a>
Application	Power, Wire-to-Board
Overview	<a href="#">MultiCat Power Connectors with Precision-Machined Contacts</a>
Product Name	MultiCat
UPC	889056747677

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	10.947/g
Number of Rows	1
Orientation	Vertical
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**

**Not 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**

[201842](#) Series

**Mates With**

MultiCat High-Power Inline Receptacle Housing [201841](#) . MultiCat Cable Assembly [451410401](#) , [451410410](#)

**Material Info**

Engineering Number

2018421040-FCT

**Reference - Drawing Numbers**

Application Specification

2018400000-AS-000

Packaging Specification

2018420000-PK-000

Product Specification

2018400000-PS-000

Sales Drawing

2018420000-SD-000

Test Summary

2018400000-TS-000

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