Part Number : 2018421030
Product Description : MultiCat High-Power Vertical Header, 3 Circuits, Key A, Black
Series Number : 201842
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Part Number : 2018421030-FCT



Documents and Resources

Drawings

2018421030_sd.pdf

2018420000-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2018400000-AS-000.pdf

2018400000-PS-000.pdf

2018400000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 3; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c)

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	per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	201842
Description	MultiCat High-Power Vertical Header, 3 Circuits, Key A, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	MultiCat
UPC	889056747691

Agency

UL	E29179

Electrical

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

Physical

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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	8.315/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Thickness - Recommended	2.50mm
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
MultiCat-to-MultiCat High-Power Off-the-Shelf (OTS) Cable	451410301

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Assembly, Female, Single Row, 300.00mm Length, 8 AWG, 3 Circuits, Key A, Black	
MultiCat-to-MultiCat High-Power Off-the-Shelf (OTS) Cable Assembly, Female, Single Row, 1.0m Length, 8 AWG, 3 Circuits, Key A, Black	451410310
MultiCat High-Power Inline Receptacle Housings	201841

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