



Part Number : [2018410030](#)

Product Description : MultiCat High-Power Inline Receptacle Housing, 3 Circuits, Black, Key A

Series Number : 201841

Status : Active

Product Category : Connector Housings

Engineering Number : 2018410030-FCT

Documents & Resources

Drawings

[Drawing 2018410030_sd.pdf](#)

[Packaging Design Drawing 2018410000-PK-000.pdf](#)

3D Models and Design Files

[3D Model 2018410030_stp.zip](#)

Specifications


[Application Specification 2018400000-AS-000.pdf](#)

[Product Specification 2018400000-PS-000.pdf](#)

[Test Summary 2018400000-TS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | Connector Housings |
| Series | 201841 |
| Description | MultiCat High-Power Inline Receptacle Housing, 3 Circuits, Black, Key A |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Product Family | MultiCat Power Connectors with Precision-Machined Contacts |
| Product Name | MultiCat |
| UPC | 889056746403 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Physical

| | |
|--------------------------|--------------------|
| Circuits (maximum) | 3 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | PEI |
| Net Weight | 5.780/g |
| Number of Rows | 1 |
| Packaging Type | Partitioned Carton |
| Panel Mount | No |
| Pitch - Mating Interface | 7.40mm |

| | |
|-------------------------------|----------------|
| Polarized to Mating Part | Yes |
| Temperature Range - Operating | -40° to +150°C |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|------------------|
| MultiCat-to-MultiCat High-Power Off-the-Shelf (OTS) Cable Assembly, Male, Single Row, 300.00mm Length, 8 AWG, 3 Circuits, Key A, Black | <u>451420301</u> |
| MultiCat-to-MultiCat High-Power Off-the-Shelf (OTS) Cable Assembly, Male, Single Row, 1.0m Length, 8 AWG, 3 Circuits, Key A, Black | <u>451420310</u> |
| MultiCat High-Power Inline Plug Housings | <u>201840</u> |
| MultiCat High-Power Vertical Headers | <u>201842</u> |
| MultiCat High-Power Right-Angle Headers | <u>201843</u> |

Use with Part(s)

| Description | Part Number |
|--|---------------|
| MultiCat High-Power Receptacle Terminals | <u>201846</u> |