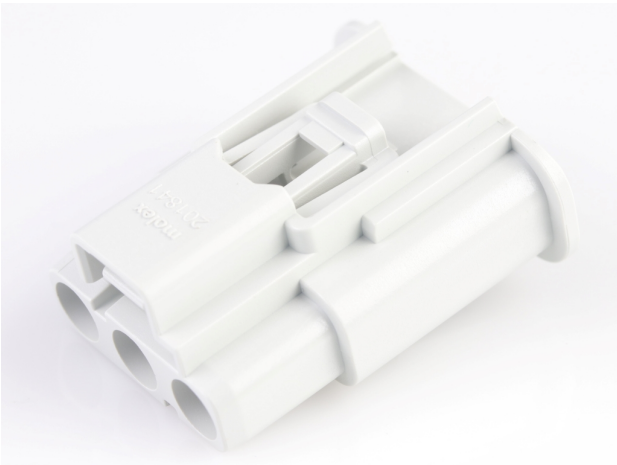




**Part Number :** [2018410031](#)  
**Product Description :** MultiCat High-Power  
Inline Receptacle Housing, 3 Circuits, Gray,  
Key B  
**Series Number :** 201841  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** 2018410031-FCT



Documents & Resources

Drawings

[Drawing 2018410031\\_sd.pdf](#)  
[Packaging Design Drawing 2018410000-PK-000.pdf](#)

3D Models and Design Files

[3D Model 2018410031\\_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(2024)4144-DC<br>(27 June 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, Gray, Key B |
| Application    | Power, Wire-to-Board, Wire-to-Wire                                     |
| Product Family | MultiCat Power Connectors with Precision-Machined Contacts             |
| Product Name   | MultiCat                                                               |
| UPC            | 889056746410                                                           |

#### Agency

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

#### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 3          |
| Color - Resin         | Gray       |
| Flammability          | 94V-0      |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | Yes        |
| Lock to Mating Part   | Yes        |
| Material - Resin      | PEI        |
| Net Weight            | 5.784/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 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> |