



**Part Number :** [2018460040](#)  
**Product Description :** MultiCat High-Power  
Receptacle Terminal, Gold over Nickel Phosphorus  
Plating, 10-8 AWG  
**Series Number :** 201846  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** FPG003S204



## Documents & Resources

### Drawings

- [2018460040 sd.pdf](#)
- [2018460001-PK.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

### Specifications

- [2018400000-AS-000.pdf](#)
- [2018400000-PS-000.pdf](#)
- [2018400000-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 33; 3; 44                                                                        |
| 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)4165-DC (25 June 2025)                                                           |
| EU RoHS            | Compliant with Exemption 6(c) 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

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## Part Details

### General

|              |                                                                                        |
|--------------|----------------------------------------------------------------------------------------|
| Status       | Active                                                                                 |
| Category     | Crimp Terminals                                                                        |
| Series       | 201846                                                                                 |
| Description  | MultiCat High-Power Receptacle Terminal, Gold over Nickel Phosphorus Plating, 10-8 AWG |
| Application  | Power, Wire-to-Board, Wire-to-Wire                                                     |
| Product Name | MultiCat                                                                               |
| UPC          | 889056747479                                                                           |

### Electrical

|                               |          |
|-------------------------------|----------|
| Current - Maximum per Contact | 40.0A    |
| Voltage - Maximum             | 1000V AC |

### Physical

|                                |                             |
|--------------------------------|-----------------------------|
| Durability (mating cycles max) | 500                         |
| Gender                         | Female                      |
| Material - Metal               | Copper Alloy                |
| Material - Plating Mating      | Gold over Nickel Phosphorus |
| Material - Plating Termination | Gold                        |

|                             |                      |
|-----------------------------|----------------------|
| Net Weight                  | 2.263/g              |
| Packaging Type              | Bag                  |
| Plating min - Mating        | 0.100µm              |
| Plating min - Termination   | 0.200µm              |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter    | 4.03mm-5.84mm        |
| Wire Size (AWG)             | 10, 8                |
| Wire Size mm <sup>2</sup>   | 5.26-8.36            |

## Mates With / Use With

### Use with Part(s)

| Description                                    | Part Number   |
|------------------------------------------------|---------------|
| MultiCat High-Power Inline Receptacle Housings | <u>201841</u> |

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## Application Tooling

### Global

| Description                                                        | Part Number       |
|--------------------------------------------------------------------|-------------------|
| Hand Crimp Tool for MultiCat Machined High-Power Contact, 18-8 AWG | <u>2002182300</u> |
| Extraction Tool for MultiCat High-Power Crimp Terminals, 18-8 AWG  | <u>2002220200</u> |