



Part Number : [2018450010](#)

Product Description : MultiCat High-Power Plug Terminal, Gold over Nickel Phosphorus Plating, 18-16 AWG

Series Number : 201845

Status : Active

Product Category : Crimp Terminals

Engineering Number : FPG002P204



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## Documents & Resources

### Drawings

[2018450010\\_sd.pdf](#)

[2018460001-PK.pdf](#)

### Specifications

[2009140003-AS-000.pdf](#)

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

[2009140003-000.pdf](#)

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

[2009140003-TS-000.pdf](#)

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

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## 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	Contains Lead per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 6(c) 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

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	201845
Description	MultiCat High-Power Plug Terminal, Gold over Nickel Phosphorus Plating, 18-16 AWG
Application	Power, Wire-to-Wire
Product Name	MultiCat
UPC	889056747295

#### Electrical

Current - Maximum per Contact	16.0A
Voltage - Maximum	1000V AC

#### Physical

Durability (mating cycles max)	500
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel Phosphorus
Material - Plating Termination	Gold
Net Weight	1.979/g
Packaging Type	Bag
Plating min - Mating	0.100µm

Plating min - Termination	0.200µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.36mm-2.59mm
Wire Size (AWG)	16, 18
Wire Size mm <sup>2</sup>	0.82-1.31

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### Use with Part(s)

Description	Part Number
MultiCat High-Power Circular Plug Housings	<u>200914</u>
MultiCat High-Power Inline Plug Housings	<u>201840</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>

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