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**Part Number:** [2018450040](#)  
**Status:** **Active**  
**Overview:** MultiCat Power Connectors with Precision-Machined Contacts  
**Description:** MultiCat High-Power Plug Terminal, Gold over Nickel Phosphorus Plating, 8-10 AWG

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2018460001-PK (PDF)</a>
<a href="#">Product Specification 2018400000-PS-000 (PDF)</a>	<a href="#">Test Summary 2018400000-TS-000 (PDF)</a>
<a href="#">Application Specification 2018400000-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<a href="#">201845</a>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Datasheet Order No	987651-4731
Overview	<a href="#">MultiCat Power Connectors with Precision-Machined Contacts</a>
Product Name	MultiCat
UPC	889056747424

**Physical**

Durability (mating cycles max)	500
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel Phosphorus
Material - Plating Termination	Gold over Nickel
Net Weight	2.408/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

**Electrical**

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

**Material Info**

Engineering Number	FPG003P204
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**Reference - Drawing Numbers**

Application Specification	2018400000-AS-000
Packaging Specification	2018460001-PK
Product Specification	2018400000-PS-000
Sales Drawing	2018450040-000
Test Summary	2018400000-TS-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per - ED/71/2019 (16 July 2019)

Lead

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[201845 Series](#)

**Use With**

[MultiCat High-Power Inline Plug Housing 201840](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Hand Crimp Tool for MultiCat Machined High-Power Contact, 8-18 AWG	<a href="#">2002182300</a>
Extraction Tool for MultiCat High-Power Crimp Terminals, 8-18 AWG	<a href="#">2002220200</a>

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