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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:

Drawing (PDF)	Packaging Specification 2018460001-PK (PDF)
Product Specification 2018400000-PS-000 (PDF)	Test Summary 2018400000-TS-000 (PDF)
Application Specification 2018400000-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	201845
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Datasheet Order No	987651-4731
Overview	MultiCat Power Connectors with Precision-Machined Contacts
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 ²	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/88/2018 (15 January 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](#)