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Part Number: [2018450010](#)
Status: **Active**
Overview: [MultiCat Power Connectors with Precision-Machined Contacts](#)
Description: MultiCat High-Power Plug Terminal, Gold over Nickel Phosphorus Plating, 16-18 AWG

Documents:

Drawing (PDF)	Packaging Specification 2018460001-PK (PDF)
Product Specification 2009140003-000 (PDF)	Test Summary 2009140003-TS-000 (PDF)
Product Specification 2018400000-PS-000 (PDF)	Test Summary 2018400000-TS-000 (PDF)
Application Specification 2009140003-AS-000 (PDF)	Datasheet (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
Overview	MultiCat Power Connectors with Precision-Machined Contacts
Product Name	MultiCat
UPC	889056747295

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 ²	0.82-1.31

Electrical

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

Material Info

Engineering Number	FPG002P204
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Reference - Drawing Numbers

Application Specification	2009140003-AS-000, 2018400000-AS-000
Packaging Specification	2018460001-PK
Product Specification	2009140003-000, 2018400000-PS-000
Sales Drawing	2018450010-000
Test Summary	2009140003-TS-000, 2018400000-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)

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 Circular Plug Housing [200914](#) . 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 [2002182300](#)

MultiCat Machined High-Power Contact, 8-18 AWG

Extraction Tool for [2002220200](#)

MultiCat High-Power

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