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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)

Product Specification 2009140003-000 (PDF)

Product Specification 2018400000-PS-000 (PDF)

Application Specification 2009140003-AS-000 (PDF)

Application Specification 2018400000-AS-000 (PDF)

Packaging Specification 2018460001-PK (PDF)

Test Summary 2009140003-TS-000 (PDF)

Test Summary 2018400000-TS-000 (PDF)

Datasheet (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 mm²	0.82-1.31

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

Material Info	
Engineering Number	FPG002P204

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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China 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 MultiCat Machined High-Power Contact, 8-18 AWG	2002182300
Extraction Tool for MultiCat High-Power	2002220200

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