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Part Number: [2018450030](#)
Status: **Active**
Overview: MultiCat™ Power Connectors with Precision-Machined Contacts
Description: MultiCat™ Plug Terminal, Gold over Nickel Phosphorus Plating, 10-12 AWG

Documents:

Drawing (PDF)	Application Specification 2018400000-AS-000 (PDF)
Product Specification 2009140003-000 (PDF)	Test Summary 2009140003-TS-000 (PDF)
Product Specification 2018400000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2009140003-AS-000 (PDF)	Product Literature (PDF)

General

Product Family	Crimp Terminals
Series	201845
Application	Power
Crimp Quality Equipment	Yes
Overview	MultiCat™ Power Connectors with Precision-Machined Contacts
Product Literature Order No	987651-4731
Product Name	MultiCat™
UPC	889056747318

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
Packaging Type	Bag
Plating min - Mating	0.100µm
Plating min - Termination	0.200µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.40mm-4.03mm
Wire Size AWG	10, 12
Wire Size mm²	3.31-5.26

Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	1000V AC

Material Info

Reference - Drawing Numbers

Application Specification	2009140003-AS-000, 2018400000-AS-000
Product Specification	2009140003-000, 2018400000-PS-000
Sales Drawing	2018450030-000
Test Summary	2009140003-TS-000



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[201845 Series](#)

Use With

MultiCat™ Circular Plug Housing [200914](#) ,
MultiCat™ Inline Plug Housing [201840](#)