

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2018460010](#)
Status: **Active**
Overview: [MultiCat Power Connectors with Precision-Machined Contacts](#)
Description: MultiCat High-Power Receptacle 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 | 201846 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | MultiCat Power Connectors with Precision-Machined Contacts |
| Product Name | MultiCat |
| UPC | 889056747431 |

Physical

| | |
|--------------------------------|-----------------------------|
| Durability (mating cycles max) | 500 |
| Gender | Female |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Nickel Phosphorus |
| Material - Plating Termination | Gold |
| Net Weight | 1.830/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 | FPG002S204 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|---------------------------|--------------------------------------|
| Application Specification | 2009140003-AS-000, 2018400000-AS-000 |
| Packaging Specification | 2018460001-PK |
| Product Specification | 2009140003-000, 2018400000-PS-000 |
| Sales Drawing | 2018460010-000 |
| Test Summary | 2009140003-TS-000, 2018400000-TS-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
lead

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

[201846 Series](#)

Use With

MultiCat High-Power Circular Receptacle Housing [200915](#) , MultiCat High-Power Inline Receptacle Housing [201841](#)

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 | |

This document was generated on 10/27/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION