



Part Number : [2018460010](#)
Product Description : MultiCat High-Power
Receptacle Terminal, Gold over Nickel Phosphorus
Plating, 18-16 AWG
Series Number : 201846
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : FPG002S204



Documents and Resources

Drawings

- [2018460010 sd.pdf](#)
- [2018460001-PK.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [2009140003-AS-000.pdf](#)
- [2018400000-AS-000.pdf](#)
- [2009140003-000.pdf](#)
- [2018400000-PS-000.pdf](#)
- [2009140003-TS-000.pdf](#)
- [2018400000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 3; 44; 33; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)7663-

	DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	201846
Description	MultiCat High-Power Receptacle Terminal, Gold over Nickel Phosphorus Plating, 18-16 AWG
Application	Wire-to-Board, Wire-to-Wire
Product Name	MultiCat
UPC	889056747431

Electrical

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

Physical

Durability (mating cycles max)	500
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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	2.36-2.59mm
Wire Size (AWG)	16, 18
Wire Size mm ²	0.82-1.31

Mates With / Use With

Use with Part(s)

Description	Part Number
MultiCat High-Power Circular Receptacle Housings	<u>200915</u>
MultiCat High-Power Inline Receptacle Housings	<u>201841</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for MultiCat Machined High-Power Contact, 18-8 AWG	<u>2002182300</u>
Extraction Tool for MultiCat High-Power Crimp Terminals, 18-8 AWG	<u>2002220200</u>
Insertion Tool for 3 and 4 Circuit MultiCat Receptacle Wire Seals, 18-10 AWG Wires	<u>2002220810</u>

This document was generated on May 20, 2026