



Part Number : [2018460030](#)
Product Description : MultiCat High-Power
Receptacle Terminal, Gold over Nickel
Phosphorus Plating, 12-10 AWG
Series Number : 201846
Status : Active
Product Category : Crimp Terminals
Engineering Number : FPG008S204



Documents & Resources

Drawings


[Drawing 2018460030_sd.pdf](#)
[Packaging Design Drawing 2018460001-PK.pdf](#)

Specifications

[Application Specification 2018400000-AS-000.pdf](#)
[Application Specification 2009140003-AS-000.pdf](#)
[Product Specification 2009140003-000.pdf](#)
[Product Specification 2018400000-PS-000.pdf](#)
[Test Summary 2009140003-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 3; 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

[Multiple Part Product Compliance Statements](#)
- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	201846
Description	MultiCat High-Power Receptacle Terminal, Gold over Nickel Phosphorus Plating, 12-10 AWG
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	MultiCat Power Connectors with Precision-Machined Contacts
Product Name	MultiCat
UPC	889056747455

Electrical

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

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	2.082/g
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 mm ²	3.31-5.26

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>