



Part Number : [2018460040](#)

Series Number : 201846

Product Category : Crimp Terminals

Product Description : MultiCat High-Power Receptacle Terminal, Gold over Nickel Phosphorus Plating, 8-10 AWG

Status : Active

Engineering Number : FPG003S204

Documents & Resources

Drawings

[Drawing 2018460040_sd.pdf](#)

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

Specifications


[Application Specification 2018400000-AS-000.pdf](#)

[Product Specification 2018400000-PS-000.pdf](#)

[Test Summary 2018400000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant with Exemption 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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	201846
Description	MultiCat High-Power Receptacle Terminal, Gold over Nickel Phosphorus Plating, 8-10 AWG
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	MultiCat Power Connectors with Precision-Machined Contacts
Product Name	MultiCat
UPC	889056747479

Electrical

Current - Maximum per Contact	40.0A
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	2.263/g
Packaging Type	Bag
Plating min - Mating	0.100µm
Plating min - Termination	0.200µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.03mm-5.84mm
Wire Size (AWG)	10, 8
Wire Size mm ²	5.26-8.36

Use with Part(s)

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

Application Tooling**Global**

Description	Part Number
Hand Crimp Tool for MultiCat Machined High-Power Contact, 8-18 AWG	<u>2002182300</u>
Extraction Tool for MultiCat High-Power Crimp Terminals, 8-18 AWG	<u>2002220200</u>