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Part Number: [2018460030](#)
Status: **Active**
Overview: MultiCat Power Connectors with Precision-Machined Contacts
Description: MultiCat High-Power Receptacle Terminal, Gold over Nickel Phosphorus Plating, 10-12 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)	Datasheet (PDF)
Application Specification 2009140003-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2018400000-AS-000 (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	889056747455

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

Electrical

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

Material Info

Engineering Number	FPG008S204
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Reference - Drawing Numbers

Application Specification	2009140003-AS-000, 2018400000-AS-000
Packaging Specification	2018460001-PK
Product Specification	2009140003-000, 2018400000-PS-000
Sales Drawing	2018460030-000
Test Summary	2009140003-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)
ethylene thiourea
di-n-pentyl phthalate (DPP)
perfluorooctanoic acid disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo) diisopentylphthalate
1,2-diethoxyethane
dibutyltin dichloride
1,3-propanesultone
ammoniumpentadecafluorooctanoate
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b 1,2-Benzenedicarboxylic acid, dihexyl ester, bra diisohexyl phthalate
1,2-benzenedicarboxylic acid, dipentylester, bra n-pentyl-isopentylphthalate
Boric acid
Nonadecafluorodecanoic acid (PFDA) and its sodiu

China RoHS

Tris(4-nonylphenyl,
branched and linear)
phosphi
Pyrene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Methylhexahydrophthalic
anhydride
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Perfluorohexane-1-
sulphonic acid and its
salts
Lead sulfochromate
yellow
strontium chromate
bis(2-methoxyethyl)
ether
pentazinc chromate
octahydroxide
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
bis(pentabromophenyl)
ether
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
lead
cadmium
lead dinitrate
lead oxide sulfate
pentalead tetraoxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead cyanamidate
Sulfurous acid, lead
salt, dibasic
[phthalato(2-)]dioxotrilead
benzo[a]pyrene
4-aminoazobenzene
dihexyl phthalate
(DnHP)

**Halogen-Free
Status**

Low-Halogen

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

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	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 #
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Hand Crimp Tool for MultiCat Machined High-Power Contact, 8-18 AWG	2002182300
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Extraction Tool for MultiCat High-Power Crimp Terminals, 8-18 AWG	2002220200
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