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Part Number: [2018450020](#)
Status: **Active**
Overview: MultiCat Power Connectors with Precision-Machined Contacts
Description: MultiCat High-Power Plug Terminal, Gold over Nickel Phosphorus Plating, 12-14 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)



Series image - Reference only

General

Product Family	Crimp Terminals
Series	201845
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	MultiCat Power Connectors with Precision-Machined Contacts
Product Name	MultiCat
UPC	889056747301

Physical

Durability (mating cycles max)	500
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel Phosphorus
Material - Plating Termination	Gold
Net Weight	2.098/g
Packaging Type	Bag
Plating min - Mating	0.100µm
Plating min - Termination	0.200µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.92mm-3.40mm
Wire Size AWG	12, 14
Wire Size mm ²	2.08-3.31

Electrical

Current - Maximum per Contact	26.0A
Voltage - Maximum	1000V AC

Material Info

Engineering Number	FPG001P204
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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	2018450020-000
Test Summary	2009140003-TS-000, 2018400000-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
dibutyltin dichloride
1,2-diethoxyethane
dibutyltin dichloride
2-methylimidazole
4,4'-methylenedi-o-
toluidine
1-vinylimidazole
1,2-diethoxyethane
methoxyacetic acid
diisopentylphthalate
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
octamethylcyclotetrasiloxane
1,3-propanesultone
chromium trioxide
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
henicosaflluoroundecanoic
acid
ammoniumpentadecafluorooctanoate
sodium
peroxometaborate
1,7,7-trimethyl-3-
(phenylmethylene)bicyclo[2.2.1
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
dibutylbis(pentane-2,4-
dionato-O,O')tin
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol

China RoHS

2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b
propylene oxide
dimethyl sulphate
N-methylacetamide
p-(1,1-dimethylpropyl)phenol
dihexyl phthalate
(DnHP)
phenanthrene
dinoseb (ISO)
butyl 4-hydroxybenzoate
o-toluidine
4-methyl-m-phenylenediamine
ethylene thiourea
4-o-tolylazo-o-toluidine
4-tert-butylphenol
nitrobenzene
1-bromopropane
ethylenediamine
furan
2-methoxyethyl acetate
6-methoxy-m-toluidine
C,C'-azodi(formamide)
di-n-pentyl phthalate (DPP)
tricosafuorododecanoic acid
perfluorooctanoic acid
heptacosafuorotetradecanoic acid
dodecamethylcyclohexasiloxane
decamethylcyclopentasiloxane
Nonadecafluorodecanoic acid (PFDA) and its sodiu
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio
Tris(4-nonylphenyl, branched and linear)
phosphi
Fluoranthene
Pyrene
Chrysene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Reaction
products of 1,3,4-thiadiazolidine-2,5-d
Perfluorononan-1-oic acid
(2,2,3,3,4,4,5,5,6,6,7
4-(1,1,3,3-tetramethylbutyl)phenol,
ethoxylated
hexahydro-2-benzofuran-1,3-dione
Methylhexahydrophthalic anhydride

Sodium perborate;
perboric acid, sodium
salt
Cadmium sulphate
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
1,2-
benzenedicarboxylic
acid, di-C6-10-alkyl
est
5-sec-butyl-2-(2,4-
dimethylcyclohex-3-
en-1-yl)-5
Perfluorohexane-1-
sulphonic acid and its
salts
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
diisohexyl phthalate
pentacosafuorotridecanoic
acid
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
2-methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop
4,4-
isobutylethylidenediphenol
2-benzyl-2-
dimethylamino-4-
morpholinobutyropheno
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
n-pentyl-
isopentylphthalate
1,3-BENZENEDIOL,
TRINITRO-, LEAD
SALT
Hydrazine
Disodium tetraborate
Boric acid
4,4'-Oxydianiline and
its salts
Aluminosilicate
Refractory Ceramic
Fibres
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Acids generated from
chromium trioxide and
their
4-Nonylphenol,
branched and linear
[substances w

Trixylyl phosphate
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
4-Nonylphenol, branched and linear, ethoxylated
4-Heptylphenol, branched and linear
diethyl sulphate
1,2,3-trichloropropane
1,2-benzenedicarboxylic acid; di-C6-8-branched a
calcium arsenate
bis(2-methoxyethyl) ether
potassium hydroxyoctaoxodizincatedichromate(1-)
lead dipicrate
N,N-dimethylacetamide
arsenic acid
2-methoxyaniline
trilead diarsenate
1,2-dichloroethane
pentazinc chromate
octahydroxide
Formaldehyde, polymer with
benzenamine
bis(2-methoxyethyl) phthalate
lead diazide
phenolphthalein
dichromium
tris(chromate)
2,2'-dichloro-4,4'-methylenedianiline
formamide
tetraethyllead
4,4'-bis(dimethylamino)benzophenone
N,N,N',N'-tetramethyl-4,4'-methylenedianiline
1,2-dimethoxyethane
1,2-bis(2-methoxyethoxy)ethane
lead di(acetate)
[4-[4,4'-bis(dimethylamino)benzhydrylidene]cycl
triethyl arsenate
4,4'-diaminodiphenylmethane
lead hydrogen arsenate
2,4-dinitrotoluene
Anthracene oil;
Anthracene oil
Anthracene oil, anthracene paste;
Anthracene Oil

Anthracene oil,
anthracene paste,
anthracene fra
Anthracene oil,
anthracene paste,
distn. lights;
Anthracene oil,
anthracene-low;
Anthracene Oil F
diisobutyl phthalate
(DIBP)
lead chromate
Lead chromate
molybdate sulfate red
Lead sulfochromate
yellow
Pitch, coal tar, high-
temp.; Pitch
tris(2-chloroethyl)
phosphate
ammonium
dichromate
potassium chromate
potassium dichromate
sodium chromate
tetraboron disodium
heptaoxide, hydrate
trichloroethylene
2-ethoxyethanol
cobalt carbonate
cobalt di(acetate)
cobalt dinitrate
cobalt sulphate
2-ethoxyethyl acetate
strontium chromate
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
N-methyl-2-
pyrrolidone
lead oxide sulfate
lead titanium trioxide
pentalead tetraoxide
sulphate
trilead dioxide
phosphonate
tetralead trioxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead
bis(tetrafluoroborate)
lead cyanamidate
Acetic acid, lead salt,
basic
Sulfurous acid, lead
salt, dibasic
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[phthalato(2-)]dioxotrilead
Fatty acids, C16-18,
lead salts

lead(II)
methanesulphonate
1,3,5-tris-[(2S
and 2R)-2,3-
epoxypropyl]-1,3,5-t
benzo[a]pyrene
4-aminoazobenzene
4,4'-
bis(dimethylamino)-4"-
(methylamino)trityl
bis(pentabromophenyl)
ether
diboron trioxide
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
trilead bis(carbonate)
dihydroxide
Lead oxide
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(
[4-[[4-anilino-1-
naphthyl]]4-
(dimethylamino)phen
 α,α #Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)
lead
cadmium
cadmium fluoride
pyrochlore, antimony
lead yellow
lead dinitrate
cadmium chloride
Silicic acid, lead salt
lead oxide sulfate

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

[201845 Series](#)

Use With

MultiCat High-Power Circular Plug Housing [200914](#) , MultiCat High-Power Inline Plug Housing [201840](#)

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 2002182300
MultiCat Machined
High-Power Contact,
8-18 AWG
Extraction Tool for 2002220200
MultiCat High-Power
Crimp Terminals,
8-18 AWG

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