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Part Number: [0451420412](#)
Status: **Active**
Overview: [MultiCat Power Connectors with Precision-Machined Contacts](#)
Description: MultiCat-to-MultiCat High-Power Off-the-Shelf (OTS) Cable Assembly, Male, Single Row, 1.0m Length, 16 AWG, 4 Circuits, Key A, Black

Documents:
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Cable Assemblies
Series	45142
Application	Power, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	MultiCat-to-MultiCat
Overmolded	No
Overview	MultiCat Power Connectors with Precision-Machined Contacts
Product Literature Order No	987651-6143
Product Name	MultiCat
Type	High Reliability Assembly
UPC	191128292610
Physical	
Cable Length	1.0m
Circuits (Loaded)	4
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel Phosphorus
Material - Plating Termination	Gold over Nickel
Material - Resin	PEI
Net Weight	119.700/g
Number of Rows	1
Pitch - Mating Interface	7.40mm
Plating min - Mating	0.100µm
Plating min - Termination	0.200µm
Single Ended	No
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.36mm-2.59mm
Wire Size AWG	16
Wire/Cable Type	UL 1199
Electrical	
Current - Maximum per Contact	10.0A
Voltage - Maximum	1000V AC
Material Info	
Engineering Number	KAB2551L1V01
Reference - Drawing Numbers	
Sales Drawing	451420301-000



Series image - Reference only

EU ELV Not Reviewed	
EU RoHS Not Reviewed	China RoHS
REACH SVHC Not Reviewed	
Halogen-Free Status Not Reviewed	
For more information, please visit Contact US	
China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

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Mates With
MultiCat High-Power Inline Receptacle Housing [201841](#)

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