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**Part Number:** [0451420402](#)  
**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, 300.00mm Length, 12 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	<a href="#">MultiCat Power Connectors with Precision-Machined Contacts</a>
Product Literature Order No	987651-6143
Product Name	MultiCat
Type	High Reliability Assembly
UPC	191128292580

**Physical**

Cable Length	300.00mm
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	83.020/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	3.40mm-4.03mm
Wire Size AWG	12
Wire/Cable Type	UL 1199

**Electrical**

Current - Maximum per Contact	20.0A
Voltage - Maximum	1000V AC

**Material Info**

Engineering Number	KAB2550L0.3V01
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**Reference - Drawing Numbers**

Sales Drawing	451420301-000
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*Series image - Reference only*

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**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

**Search Parts in this Series**

[45142 Series](#)

**Mates With**

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

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