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Part Number: 0451420301

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, 8 AWG, 3 Circuits, Key A, Black

Series image - Reference only

Documents:

3D Model
Drawing (PDF)
3D Model (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (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 Name	MultiCat
Type	High Reliability Assembly
UPC	191128292504
Physical	
Cable Length	300.00mm
Circuits (Loaded)	3
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
Material - Resin	PEI
Net Weight	118.400/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	4.03mm-5.84mm
Wire Size AWG	8
Wire/Cable Type	UL 10669
Electrical	
Current - Maximum per Contact	40.0A
Voltage - Maximum	1000V AC
Material Info	
Engineering Number	KAB2546L0.3V01
Reference - Drawing Numbers	
Sales Drawing	451420301-000

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 6(c)

China RoHS

REACH SVHC
Contained Per - ECHA_01_2020 (16 January 2020)
Lead

Halogen-Free Status
Not 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
45142 Series

Mates With
MultiCat High-Power Inline Receptacle Housing 201841

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