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Part Number: 0451410301

Status: Active

Overview: MultiCat Power Connectors with Precision-Machined Contacts

Description: MultiCat-to-MultiCat High-Power Off-the-Shelf (OTS) Cable Assembly, Female, Single Row, 300.00mm Length, 8 AWG, 3 Circuits, Key A, Black



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
3D Model (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	Cable Assemblies
Series	45141
Application	Power, Wire-to-Board, 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	Discrete Wire Assembly, High Reliability Assembly
UPC	191128291583
Physical	
Cable Length	300.00mm
Circuits (Loaded)	3
Color - Resin	Black
Gender	Female-Female
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	111.000/g
Number of Rows	1
Packaging Type	Bag
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	KAB2540L0.3V01
Reference - Drawing Numbers	
Sales Drawing	451410301-000

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 6(c)

China RoHS

REACH SVHC
Contained Per - D(2021)4569-DC (8 July 2021)
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
45141 Series

Mates With
MultiCat High-Power Inline Plug Housing 2018400030 . MultiCat High-Power Header 2018431030 , 2018421030

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