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Part Number:

0451410401

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, 4 Circuits, Key A, Black

Documents:

- 3D Model

Datasheet (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- 3D Model (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

Taxonomy

Power and Signal Cable Assembl

Type

Discrete Wire Assembly, High Reliability Assembly

UPC

191128292443

Physical

Cable Length

300.00mm

Circuits (Loaded)

4

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

155.300/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

KAB2543L0.3V01

Reference - Drawing Numbers

Sales Drawing

451410401-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with
Exemption 6(c)

REACH SVHC

Contained per -
D(2022)9120-DC (17
Jan 2023)
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
[2018400040](#) . MultiCat High-Power Header
[2018431040](#) , [2018421040](#)

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