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Part Number: [0451410411](#)
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, 1.0m 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 | 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 Literature Order No | 987651-6143 |
| Product Name | MultiCat |
| Type | High Reliability Assembly |
| UPC | 191128292474 |

Physical

| | |
|--------------------------------|-----------------------------|
| Cable Length | 1.0m |
| 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 over Nickel |
| Material - Resin | PEI |
| Net Weight | 204.900/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

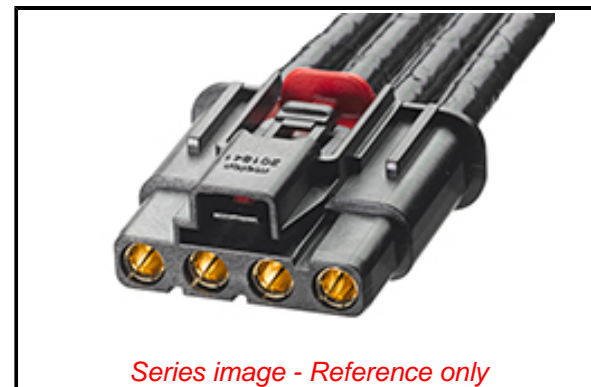
| | |
|-------------------------------|----------|
| Current - Maximum per Contact | 20.0A |
| Voltage - Maximum | 1000V AC |

Material Info

| | |
|--------------------|--------------|
| Engineering Number | KAB2544L1V01 |
|--------------------|--------------|

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | 451410301-000 |
|---------------|---------------|



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

[45141 Series](#)

Mates With

MultiCat High-Power Inline Plug Housing
[201840](#)
MultiCat High-Power Header
[201843](#) , [201842](#)

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