



**Part Number :** [2240501083](#)

**Product Description :** Mini50-to-Mini50 Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 300.00mm Length, 8 Circuits, Black

**Series Number :** 224050

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies



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## Documents & Resources


### Drawings

[Drawing 2240501083\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Power and Signal Cable Assemblies
Series	224050
Description	Mini50-to-Mini50 Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 300.00mm Length, 8 Circuits, Black
Application	Automotive, Signal, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini50-to-Mini50
Product Family	Mini50 Connection Systems
Product Name	Mini50
Type	Discrete Wire Assembly
UPC	196823494550

### Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	14V DC

### Physical

Cable Length	300.00mm
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	10.966/g
Number of Rows	1
Overmolded	No

Packaging Type	Bag
Pitch - Mating Interface	2.00mm
Single Ended	Yes
Termination Interface Style	Crimp or Compression
Wire/Cable Type	FLRYW125
Wire Insulation Diameter	1.05mm
Wire Size mm <sup>2</sup>	0.22

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mini50 Unsealed Single Row Inline Housings	<u>203700</u>
Mini50 Unsealed Single Row Right-Angle Headers	<u>34912</u>