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



Documents and Resources

Drawings

2240501083_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

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- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini50-to-Mini50
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

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Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polybutylene Terephthalate (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 Size (AWG)	22
Wire Size mm^2	0.22

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini50 Unsealed Single Row Inline Housings	203700
Mini50 Unsealed Single Row Right-Angle Headers	34912

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