Part Number : 2240861083
Product Description : Mini-Fit Max-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 8 Circuits, 300.00mm Length, Black
Series Number : 224086
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2240861083_sd.pdf

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	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] 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

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- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- 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	224086
Description	Mini-Fit Max-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, Matte Tin (Sn) Plating, 8 Circuits, 300.00mm Length, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Single Ended Connector
Connector to Connector	Mini-Fit Max-to-Pigtail
Product Name	Mini-Fit Max
Type	Discrete Wire Assembly
UPC	196823397356

Electrical

Current - Maximum per Contact	20A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Cable Length	300.00mm
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black

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Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	61.240/g
Number of Rows	2
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	1.020µm
Plating min - Termination	1.020µm
Single Ended	Yes
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 11028
Wire Size (AWG)	14

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Max Vertical Dual Row Headers	212520
Mini-Fit Max Right-Angle Dual Row Through Hole Headers	220603
Mini-Fit Max Vertical Dual Row Headers	224494
Mini-Fit Max Right-Angle Dual Row Headers	224903

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