Part Number : 2451321099
Product Description : Micro-Fit 3.0 Overmolded Plug Adapter, Dual Row, 10 Circuits, Black
Series Number : 245132
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2451321099_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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

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- 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	245132
Description	Micro-Fit 3.0 Overmolded Plug Adapter, Dual Row, 10 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit 3.0 Both Ends
Product Name	Micro-Fit 3.0
Type	Plug Adapter
UPC	191128755269

Electrical

Current - Maximum per Contact	5.6A
Voltage - Maximum	300V DC

Physical

Cable Length	50.00mm
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes

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Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon, Polybutylene Terephthalate (PBT)
Net Weight	21.750/g
Number of Rows	2
Overmolded	Yes
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1007
Wire Size (AWG)	20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Receptacle Housings	43025
Micro-fit 3.0-to-Micro-Fit 3.0 Off-the-Shelf (OTS) Overmolded Adapters and Cable Assemblies	245132

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