Part Number : 2147700230
Product Description : Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 3.0m Length, Tin (Sn) Plating, 2 Circuits, Black
Series Number : 214770
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2147700230_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

4000356554-000.pdf

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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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- 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	214770
Description	Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 3.0m Length, Tin (Sn) Plating, 2 Circuits, Black
Application	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	Overmolded Assembly
UPC	193264653461

Electrical

Current - Maximum per Contact	8.5A

Physical

Cable Length	3.0m
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes

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Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	109.246/g
Number of Rows	1
Overmolded	Yes
Pitch - Mating Interface	3.00mm
Plating min - Mating	1.016µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 2464
Wire Size (AWG)	20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Single Row Plug Housings	43640
Micro-Fit TPA Single Row Plug Housings	200875
Micro-Fit 3.0 Single Row Headers	43650
Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies	214752
Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	214753

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