molex



Part Number : 2219551104
Product Description : iGrid-to-iGrid Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, 10 Circuits, Natural
Series Number : 221955
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings

2219551104_sd.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(2024)6225-DC (07 Nov 2024)
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
- 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	221955
Description	iGrid-to-iGrid Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, 10 Circuits, Natural
Application	Signal, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	iGrid-to-iGrid
Product Name	iGrid
Type	Discrete Wire Assembly
UPC	196823289477

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Cable Length	600.00mm
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Gender	Male-Male
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon

Net Weight	26.713/g
Number of Rows	2
Overmolded	No
Pitch - Mating Interface	2.00mm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 10002
Wire Size (AWG)	22

Mates With / Use With

Mates with Part(s)

Description	Part Number
iGrid Vertical, Dual Row, Through Hole Headers	501645
iGrid Vertical, Dual Row, Through Hole Headers	503091
iGrid Right-Angle, Dual Row, Through Hole Headers	501876
iGrid Right-Angle, Dual Row, Through Hole Headers	208659