molex



Part Number : 2177961052
Product Description : KK 254-to-KK 254 Off-the-Shelf (OTS) Cable Assembly, 2.54mm Pitch, Single Row, 300.00mm Length, 5 Circuits, Natural
Series Number : 217796
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings

2177961052_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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
- 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	217796
Description	KK 254-to-KK 254 Off-the-Shelf (OTS) Cable Assembly, 2.54mm Pitch, Single Row, 300.00mm Length, 5 Circuits, Natural
Assembly Configuration	Dual Ended Connectors
Connector to Connector	KK 254-to-KK 254
Product Name	KK 254
Type	Discrete Wire Assembly
UPC	195842122871

Physical

Cable Length	300.00mm
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural (White)
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	8.250/g
Number of Rows	1
Pitch - Mating Interface	2.54mm
Single Ended	No
Termination Interface Style	Crimp or Compression

Wire/Cable Type	UL 11028
Wire Size (AWG)	22

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 Vertical Breakaway Headers with Friction Lock	42375
KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	42377
KK 254 Right-Angle Breakaway Headers	42376
KK 254 Single Row Vertical Headers	4030
KK 254 Vertical Single Row Solid Headers	6373
KK 254 Vertical Single Row Headers	6410
KK 254 RPC Vertical Headers with Friction Lock	171856
KK 254 RPC Right-Angle Headers with Friction Lock	171857