



**Part Number :** [2177961021](#)  
**Product Description :** KK 254-to-KK 254 Off-the-Shelf (OTS) Cable Assembly, 2.54mm Pitch, Single Row, 150.00mm Length, 2 Circuits, Natural  
**Series Number :** 217796  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies




## Documents & Resources

**Drawings**  
[Drawing 2177961021\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

- Multiple Part Product Compliance Statements
- Eu RoHS
  - REACH SVHC
  - Low-Halogen

- Multiple Part Industry Compliance Documents
- IPC 1752A Class C
  - IPC 1752A Class D
  - Molex Product Compliance Declaration
  - IEC-62474
  - chemSHERPA (xml)

EU RoHS Certificate of Compliance

## 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, 150.00mm Length, 2 Circuits, Natural
Assembly Configuration	Dual Ended Connectors
Connector to Connector	KK 254-to-KK 254
Product Family	Off-the-Shelf Cable Assemblies
Product Name	KK 254
Type	Discrete Wire Assembly
UPC	195842121508

### Physical

Cable Length	150.00mm
Circuits (Loaded)	2
Circuits (maximum)	2
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	2.164/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 Insulation Diameter	1.57mm max.
Wire Size (AWG)	22

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## Mates With / Use With

### Mates with Part(s)

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