



Part Number : [2177961031](#)

Product Description : KK 254-to-KK 254 Off-the-Shelf (OTS) Cable Assembly, 2.54mm Pitch, Single Row, 150.00mm Length, 3 Circuits, Natural

Series Number : 217796

Status : Active

Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

[2177961031 sd.pdf](#)


[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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)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
- 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, 150.00mm Length, 3 Circuits, Natural |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | KK 254-to-KK 254 |
| Product Name | KK 254 |
| Type | Discrete Wire Assembly |
| UPC | 195842122802 |

Physical

| | |
|--------------------------------|-----------------|
| Cable Length | 150.00mm |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| 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 | 3.265/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 | <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> |

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