**Part Number :** 2177971032
**Product Description :** KK 254-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.54mm Pitch, Single Row, 300.00mm Length, 3 Circuits, Natural
**Series Number :** 217797
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies



## Documents and Resources

### Drawings

2177971032_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

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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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 217797 |
| Description | KK 254-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.54mm Pitch, Single Row, 300.00mm Length, 3 Circuits, Natural |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | KK 254-to-Pigtail |
| Product Name | KK 254 |
| Type | Discrete Wire Assembly |
| UPC | 195842123021 |

### Physical

| | |
|---|---|
| Cable Length | 300.00mm |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| Color - Resin | Natural (White) |
| Gender | Female-Pigtail |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |

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| | |
|---|---|
| Net Weight | 12.563/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 |



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