

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2177971082](#)  
**Status:** **Active**  
**Overview:** [Off-the-Shelf Cable Assemblies](#)  
**Description:** KK 254-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.54mm Pitch, Single Row, 300.00mm Length, 8 Circuits, Natural

**Documents:**

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                        |  |
|------------------------|--|
| Product Family         | Cable Assemblies                               |
| Series                 | <a href="#">217797</a>                         |
| Assembly Configuration | Dual Ended Connectors                          |
| Connector to Connector | KK 254-to-Pigtail                              |
| Overview               | <a href="#">Off-the-Shelf Cable Assemblies</a> |
| Product Name           | KK 254   |
| Type                   | Discrete Wire Assembly                         |
| UPC                    | 195842123144                                   |

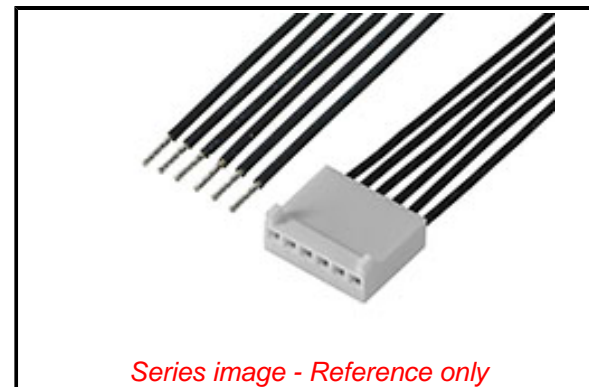
**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 300.00mm             |
| Circuits (Loaded)              | 8                    |
| 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                |
| Net Weight                     | 11.714/g             |
| Number of Rows                 | 1                    |
| Pitch - Mating Interface       | 2.54mm               |
| Plating min - Mating           | 2.540µm              |
| Single Ended                   | No                   |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.57mm max.          |
| Wire Size AWG                  | 22                   |
| Wire/Cable Type                | UL 11028             |

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing 2177971081-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[217797](#) Series

**Mates With**

KK254 PCB Headers<br>[42375](#) , [42377](#)  
, [42376](#) , [4030](#) , [6373](#) , [6410](#) , [1718](#) 56,  
[171857](#)