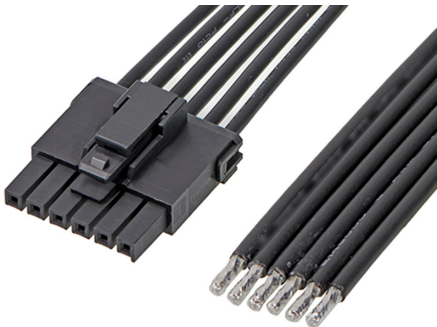




**Part Number :** [2174661081](#)  
**Product Description :** Ultra-Fit Tangless  
Female-to-Pigtail Off-the-Shelf (OTS) Cable  
Assembly, 3.50mm Pitch, Single Row,  
150.00mm Length, 8 Circuits, Black  
**Series Number :** 217466  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies



## Documents & Resources

**Drawings**  
[2174661081\\_sd.pdf](#)

**3D Models and Design Files**  
[2174661081\\_stp.zip](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 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

## Part Details

### General

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                                |
| Category               | Power and Signal Cable Assemblies                                                                                                     |
| Series                 | 217466                                                                                                                                |
| Description            | Ultra-Fit Tangless Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 3.50mm Pitch, Single Row, 150.00mm Length, 8 Circuits, Black |
| Application            | Power, Wire-to-Board                                                                                                                  |
| Assembly Configuration | Single Ended Connector                                                                                                                |
| Connector to Connector | Ultra-Fit-to-Pigtail                                                                                                                  |
| Product Name           | Ultra-Fit                                                                                                                             |
| Type                   | Discrete Wire Assembly                                                                                                                |
| UPC                    | 195842062320                                                                                                                          |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 14.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

### Physical

|                                |                          |
|--------------------------------|--------------------------|
| Cable Length                   | 150.00mm                 |
| Circuits (Loaded)              | 8                        |
| Circuits (maximum)             | 8                        |
| Color - Resin                  | Black                    |
| Gender                         | Female-Pigtail           |
| Lock to Mating Part            | Yes                      |
| Material - Metal               | High Conductivity Copper |
| Material - Plating Mating      | Tin                      |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Nylon                    |
| Net Weight                     | 21.888/g                 |
| Number of Rows                 | 1                        |

|                             |                      |
|-----------------------------|----------------------|
| Overmolded                  | No                   |
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 3.50mm               |
| Plating min - Mating        | 1.524µm              |
| Plating min - Termination   | 1.524µm              |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1061              |
| Wire Insulation Diameter    | 2.03-2.39mm          |
| Wire Size (AWG)             | 16                   |

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This document was generated on Mar 03, 2025