



Part Number : 2181100202

Series Number : 218110

Product Category : Power and Signal Cable Assemblies

Product Description : PicoBlade Male-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 225.00mm Length, 2 Circuits, Natural

Status : Active

## Documents & Resources

### Drawings

Drawing 2181100202\_sd.pdf

## 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(2023)8585-DC (23 Jan 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                 | 218110                                                                                                                |
| Description            | PicoBlade Male-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 225.00mm Length, 2 Circuits, Natural |
| Application            | Signal, Wire-to-Wire                                                                                                  |
| Assembly Configuration | Dual Ended Connectors                                                                                                 |
| Connector to Connector | PicoBlade-to-PicoBlade                                                                                                |
| Product Family         | PicoBlade Connector System                                                                                            |
| Product Name           | PicoBlade                                                                                                             |
| Type                   | Discrete Wire Assembly                                                                                                |
| UPC                    | 195842249608                                                                                                          |

## Physical

|                                |                 |
|--------------------------------|-----------------|
| Cable Length                   | 225.00mm        |
| Circuits (Loaded)              | 2               |
| Circuits (maximum)             | 2               |
| Color - Resin                  | Natural         |
| Gender                         | Male-Male       |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 0.881/g         |
| Number of Rows                 | 1               |
| Overmolded                     | No              |
| Packaging Type                 | Bag             |
| Pitch - Mating Interface       | 1.25mm          |
| Plating min - Mating           | 0.889µm         |
| Plating min - Termination      | 0.914µm         |
| Single Ended                   | No              |

|                             |                      |
|-----------------------------|----------------------|
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1061              |
| Wire Insulation Diameter    | 0.50-1.00mm          |
| Wire Size (AWG)             | 28                   |

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Mates With / Use With

Mates with Part(s)

|                                          |              |
|------------------------------------------|--------------|
| Description                              | Part Number  |
| PicoBlade Single Row Receptacle Housings | <u>51021</u> |