



**Part Number :** [2181130300](#)

**Product Description :** PicoBlade Female-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 75.00mm Length, 3 Circuits, Natural

**Series Number :** 218113

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies



## Documents and Resources

### Drawings

[2181130300 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

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**Part Details**

**General**

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                 |
| Category               | Power and Signal Cable Assemblies                                                                                      |
| Series                 | 218113                                                                                                                 |
| Description            | PicoBlade Female-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 75.00mm Length, 3 Circuits, Natural |
| Application            | Wire-to-Board, Wire-to-Wire                                                                                            |
| Assembly Configuration | Dual Ended Connectors                                                                                                  |
| Connector to Connector | PicoBlade-to-PicoBlade                                                                                                 |
| Product Name           | PicoBlade                                                                                                              |
| Type                   | Discrete Wire Assembly                                                                                                 |
| UPC                    | 195842250987                                                                                                           |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Cable Length                   | 75.00mm         |
| Circuits (Loaded)              | 3               |
| Circuits (maximum)             | 3               |
| Color - Resin                  | Natural         |
| Gender                         | Female-Male     |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |

|                             |                      |
|-----------------------------|----------------------|
| Material - Resin            | Polyester            |
| Net Weight                  | 0.588/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 Size (AWG)             | 28                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                                              | Part Number                  |
|----------------------------------------------------------|------------------------------|
| PicoBlade Vertical, Single Row, Through Hole Headers     | <a href="#"><u>53047</u></a> |
| PicoBlade Right-Angle, Single Row, Through Hole Headers  | <a href="#"><u>53048</u></a> |
| PicoBlade Right-Angle, Single Row, Surface Mount Headers | <a href="#"><u>53261</u></a> |
| PicoBlade Vertical, Single Row, Surface Mount Headers    | <a href="#"><u>53398</u></a> |
| PicoBlade Single Row Plug Housings                       | <a href="#"><u>51047</u></a> |
| PicoBlade Single Row Receptacle Housings                 | <a href="#"><u>51021</u></a> |