

**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



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## Documents and Resources

### Drawings

[2181130300 sd.pdf](#)

[STEP AP242](#)


[SOLIDWORKS](#)

[Creo](#)

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## 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)6375-DC (05 Nov 2025)<br>SCIP:01c369f0-9890-4b2e-ae7e-0bea0bc91ee4             |
| 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            | Signal, 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     | <u><a href="#">53047</a></u> |
| PicoBlade Right-Angle, Single Row, Through Hole Headers  | <u><a href="#">53048</a></u> |
| PicoBlade Right-Angle, Single Row, Surface Mount Headers | <u><a href="#">53261</a></u> |
| PicoBlade Vertical, Single Row, Surface Mount Headers    | <u><a href="#">53398</a></u> |
| PicoBlade Single Row Plug Housings                       | <u><a href="#">51047</a></u> |
| PicoBlade Single Row Receptacle Housings                 | <u><a href="#">51021</a></u> |

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This document was generated on Dec 29, 2025