**Part Number :** 2181120802
**Product Description :** PicoBlade Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 225.00mm Length, 8 Circuits, Natural
**Series Number :** 218112
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies



## Documents and Resources

### Drawings

2181120802_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

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- 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 | 218112 |
| Description | PicoBlade Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 225.00mm Length, 8 Circuits, Natural |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Assembly Configuration | Single Ended Connector |
| Connector to Connector | PicoBlade-to-Pigtail |
| Product Name | PicoBlade |
| Type | Discrete Wire Assembly |
| UPC | 195842250802 |

### Physical

| | |
|---|---|
| Cable Length | 225.00mm |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Natural |
| Gender | Female-Pigtail |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |

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| | |
|---|---|
| Material - Resin | Polyester |
| Net Weight | 2.610/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 | Yes |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | UL 1061 |
| Wire Size (AWG) | 28 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| PicoBlade Vertical, Single Row, Through Hole Headers | 53047 |
| PicoBlade Right-Angle, Single Row, Through Hole Headers | 53048 |
| PicoBlade Right-Angle, Single Row, Surface Mount Headers | 53261 |
| PicoBlade Vertical, Single Row, Surface Mount Headers | 53398 |
| PicoBlade Single Row Plug Housings | 51047 |



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