



**Part Number :** [2181120404](#)

**Product Description :** PicoBlade Female-to-Pigtail  
Off-the-Shelf (OTS) Cable Assembly, Single Row,  
425.00mm Length, 4 Circuits, Natural

**Series Number :** 218112

**Status :** Active

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



---

## Documents and Resources

### Drawings

[2181120404 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

## 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, 425.00mm Length, 4 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	195842250628

### Physical

Cable Length	425.00mm
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin

Material - Resin	Polyester
Net Weight	2.571/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	<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>

---

This document was generated on Apr 29, 2026