



**Part Number :** [2181130604](#)

**Product Description :** PicoBlade Female-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 425.00mm Length, 6 Circuits, Natural

**Series Number :** 218113

**Status :** Active

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



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## Documents and Resources

### Drawings

[2181130604 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)
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	218113
Description	PicoBlade Female-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 425.00mm Length, 6 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	195842251175

### Physical

Cable Length	425.00mm
Circuits (Loaded)	6
Circuits (maximum)	6
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	3.874/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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