

Part Number : [2181130804](#)

Product Description : PicoBlade Female-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 425.00mm Length, 8 Circuits, Natural

Series Number : 218113

Status : Active

Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

[2181130804 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)6375-DC (05 Nov 2025) SCIP:34f82d51-45f7-44a2-9bf5-384cbd0a3074
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, 8 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	195842251274

Physical

Cable Length	425.00mm
Circuits (Loaded)	8
Circuits (maximum)	8
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	5.140/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

Mates With / Use With

Mates with Part(s)

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

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