

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2181130804](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** PicoBlade Female-to-PicoBlade Male Off-the-Shelf (OTS) Cable Assembly, Single Row, 425.00mm Length, 8 Circuits, Natural

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	<a href="#">218113</a>
Application	Signal, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	PicoBlade-to-PicoBlade
Overmolded	No
Overview	<a href="#">PicoBlade Connector System</a>
Product Name	PicoBlade
Type	Discrete Wire Assembly
UPC	195842251274

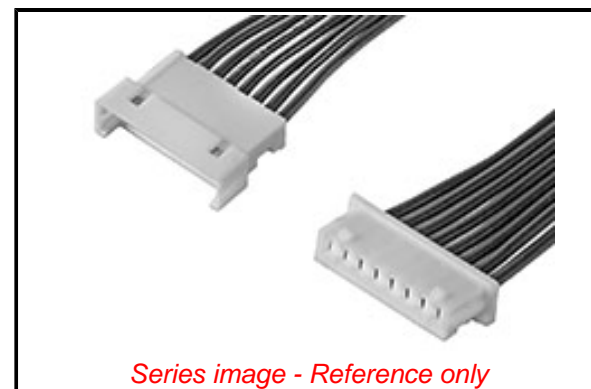
**Physical**

Cable Length	425.00mm
Circuits (Loaded)	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
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 Insulation Diameter	0.50-1.00mm
Wire Size AWG	28
Wire/Cable Type	UL 1061

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing 2181130800-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[218113 Series](#)

**Mates With**

PicoBlade Header [53261](#) , [53047](#) , [53398](#)  
, [53048](#) . PicoBlade Plug Housing [51047](#) .  
PicoBlade Receptacle Housing [51021](#)

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