



Part Number : [2040661120](#)

Product Description : Impel Plus 90 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 10 Columns, 80 Circuits, Plated Through Hole Dimension 0.31mm

Series Number : 204066

Status : Active

Product Category : Backplane Connectors

Documents and Resources

Drawings

[2040661120 sd.pdf](#)

[PK-78888-085-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[2040661117-000.pdf](#)

[2040661118-000.pdf](#)

[2040661117-000.zip](#)

[2040661118-000.zip](#)

Specifications

[1713209994-AS-000.pdf](#)


[1727309992-AS-000.pdf](#)

[AS-172730-990-001.pdf](#)

[1727409990-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006

EU ELV	Not saleable
Low-Halogen Status	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	Backplane Connectors
Series	204066
Description	Impel Plus 90 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 10 Columns, 80 Circuits, Plated Through Hole Dimension 0.31mm
Application	Coplanar, Daughtercard
Component Type	PCB Receptacle
Product Name	Impel Plus
UPC	191130147830

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	0.75A
Data Rate	56.0 Gbps
Impedance	90Ω
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	29.9V AC (RMS)/DC

Physical

Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	23.922/g
Number of Columns	10
Number of Pairs	4
Number of Rows	8
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.30mm
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762μm
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Impel 90 Ohm 4 Pair Vertical Backplane Headers	<u>171315</u>

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