



Part Number : [2040661126](#)

Product Description : Impel Plus 90 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 16 Columns, 128 Circuits, Plated Through Hole Dimension 0.31mm

Series Number : 204066

Status : Active

Product Category : Backplane Connectors



Documents & Resources

Drawings

[2040661126_sd.pdf](#)

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

3D Models and Design Files

[2040661126_stp.zip](#)

[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	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Backplane Connectors
Series	204066
Description	Impel Plus 90 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 16 Columns, 128 Circuits, Plated Through Hole Dimension 0.31mm
Application	Coplanar, Daughtercard
Component Type	PCB Receptacle
Product Name	Impel Plus
UPC	191128826426

Agency

UL	E29179
----	--------

Electrical

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

Physical

Circuits (Loaded)	128
Circuits (maximum)	128
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	37.712/g
Number of Columns	16
Number of Pairs	4
Number of Rows	8
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	1.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
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
------------------------------	-----

Mates With / Use With

Mates with Part(s)

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

This document was generated on Feb 13, 2025