

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

**Part Number:** [2040661126](#)  
**Status:** **Active**  
**Overview:** [Impel and Impel Plus Backplane Solutions](#)  
**Description:** Impel Plus 92 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 16 Columns, 128 Circuits, Plated Through Hole Dimension 0.31mm

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<a href="#">204066</a>
Application	Daughtercard
Application Tooling Documents	TM-622018899
Component Type	PCB Receptacle
Overview	<a href="#">Impel and Impel Plus Backplane Solutions</a>
Product Name	Impel Plus
UPC	191128826426

**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 over Nickel
Material - Plating Termination	Tin over Nickel
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
PC Tail Length	1.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
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

**Electrical**

Current - Maximum per Contact	0.75A
Data Rate	56 Gbps
Impedance	92Ω
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)/DC

**Solder Process Data**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**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**

[204066 Series](#)

**Mates With**

Impel Backplane Header [171315-1607](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Impel Daughtercard	<a href="#">622018964</a>
Press-In Tool	

Lead-freeProcess Capability

N/A

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

2040661001-SD-000

This document was generated on 11/22/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**