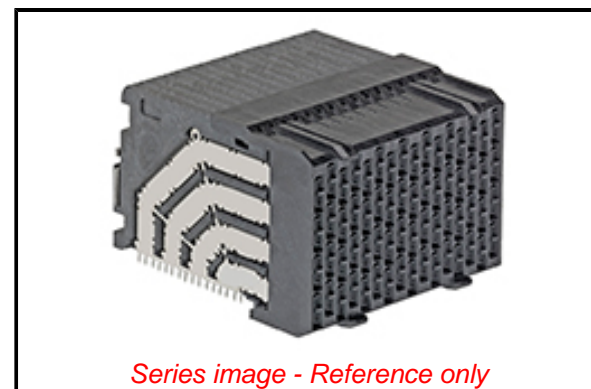


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Part Number: [2040661126](#)
Status: **Active**
Overview: [Impel and Impel Plus Backplane Solutions](#)
Description: Impel Plus 90 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 16 Columns, 128 Circuits, Plated Through Hole Dimension 0.31mm

Documents:

3D Model	Application Specification AS-172730-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-78888-085-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 1727409990-000 (PDF)	



General

Product Family	Backplane Connectors
Series	204066
Application	Coplanar, Daughtercard
Application Tooling Documents	TM-622018899
Component Type	PCB Receptacle
Overview	Impel and Impel Plus Backplane Solutions
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
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
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	56.0 Gbps
Impedance	90Ω
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	29.9V AC (RMS)/DC

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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 [1713151607](#)

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	622018964
Press-In Tool	

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Application Specification

AS-172730-990-001

Packaging Specification

PK-78888-085-001

Product Specification

1727409990-000

Sales Drawing

2040661001-SD-000

This document was generated on 04/01/2021

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