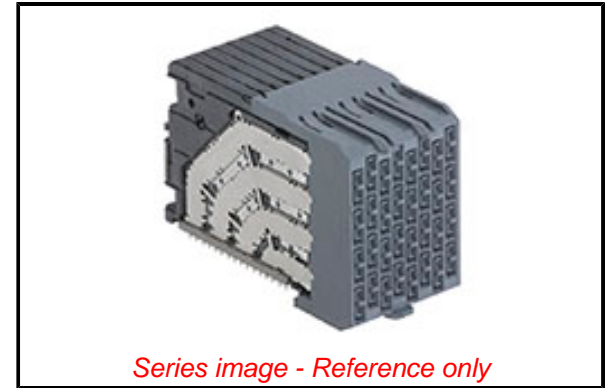


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Part Number: [2040661138](#)
Status: **Active**
Overview: Impel and Impel Plus Backplane Solutions
Description: Impel Plus 90 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 8 Columns, 64 Circuits, Plated Through Hole Dimension 0.31mm

Documents:

3D Model	Application Specification 1713209994-AS-000 (PDF)
3D Model (PDF)	Application Specification AS-172730-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-78888-085-001 (PDF)
Product Specification 1727409990-000 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Backplane Connectors
Series	204066
Application	Coplanar, Daughtercard
Component Type	PCB Receptacle
Overview	Impel and Impel Plus Backplane Solutions
Product Name	Impel Plus
UPC	191128807272

Physical

Circuits (Loaded)	64
Circuits (maximum)	64
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	19.213/g
Number of Columns	8
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(2021)4569-DC (8
July 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 [171315](#)

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Application Specification

1713209994-AS-000, AS-172730-990-001

Electrical Model Document

2040661117-000, 2040661118-000

Packaging Specification

PK-78888-085-001

Product Specification

1727409990-000

S-Parameter Model

2040661117-000, 2040661118-000

Sales Drawing

2040661001-SD-000

This document was generated on 10/28/2021

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