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Part Number: [1734601617](#)
Status: **Active**
Overview: [Impel and Impel Plus Backplane Solutions](#)
Description: Impel Plus 92 Ohm, 3-Pair Orthogonal Direct Right-Angle Male, 2.35mm Pitch, Unguided, 6 Columns, 36 Circuits, Plated Through Hole Dimension 0.31mm

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-173460-0001-000 \(PDF\)](#)
[Application Specification AS-172730-990-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	173460
Application	Orthogonal Direct
Application Tooling Documents	TM-622018899
Component Type	Right Angle Male
Overview	Impel and Impel Plus Backplane Solutions
Product Name	Impel Plus
UPC	191128353038

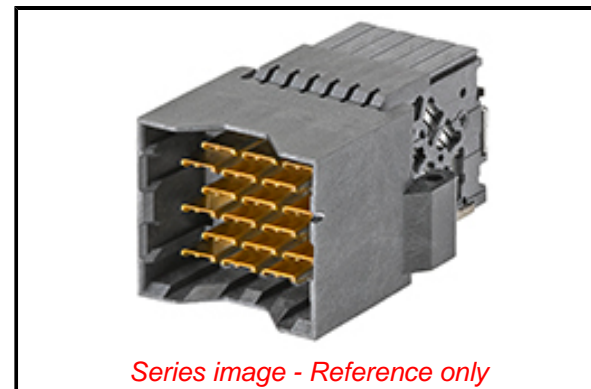
Physical

Circuits (Loaded)	36
Circuits (maximum)	36
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	15.434/g
Number of Columns	6
Number of Pairs	3
Number of Rows	6
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	2.35mm
Pitch - Termination Interface	2.35mm
Plating min - Mating	0.254µm
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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[173460 Series](#)

Mates With

Impel Right-Angle Orthogonal Direct
Daughtercard [171510](#)

Reference - Drawing Numbers

Application Specification

Packaging Specification

AS-172730-990-001

PK-173460-0001-000

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