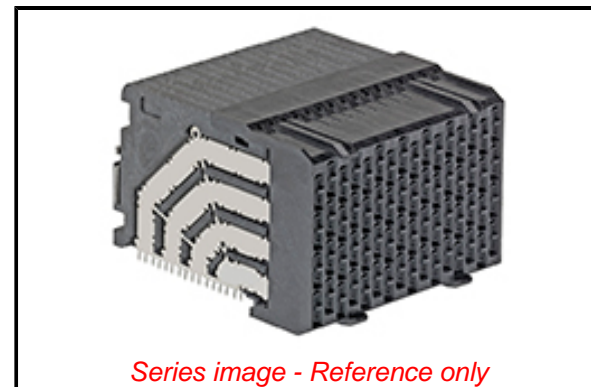


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Part Number: [2040661126](#)
Status: **Active**
Overview: [Impel and Impel Plus Backplane Solutions](#)
Description: Impel Plus 90 Ohm, 4-Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 16 Columns, 128 Circuits, Plated Through Hole Dimension 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 | 150V AC (RMS)/DC |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
Perfluorohexane-1-
sulphonic acid and its
salts
Tris(4-nonylphenyl,
branched and linear)
phosphi
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
Terphenyl,
hydrogenated
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
ammoniumpentadecafluorooctanoate
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
dibutyltin dichloride
1,2-diethoxyethane
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
decamethylcyclopentasiloxane
dodecamethylcyclohexasiloxane

China RoHS

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

benzo[ghi]perylene
 ethylene thiourea
 phenanthrene
 [phthalato(2-)]dioxotrilead
 Silicic acid (H₂Si₂O₅),
 barium salt (1:1),
 lead-
 Sulfurous acid, lead
 salt, dibasic
 cadmium hydroxide
 pyrochlore, antimony
 lead yellow
 orange lead
 1,2-bis(2-
 methoxyethoxy)ethane
 1,2-dimethoxyethane
 bis(2-methoxyethyl)
 phthalate
 pentazinc chromate
 octahydroxide
 tetraboron disodium
 heptaoxide, hydrate
 tris(2-chloroethyl)
 phosphate

Halogen-Free Status**Low-Halogen**For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

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

This document was generated on 10/28/2020

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