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Part Number: 1713201038
Status: Active
Overview: Impel™ and Impel™ Plus Backplane Solutions
Description: Impel™ 92 Ohm, 4 Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 8 Columns, 64 Circuits, Plated Through Hole Dimension 0.36mm



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-171320-999-001 (PDF)
- Application Specification AS-171320-990-001 (PDF)
- Application Specification AS-171320-991-001 (PDF)
- Application Specification AS-171320-992-001 (PDF)
- Packaging Specification PK-78888-085 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	171320
Application	Coplanar, Daughtercard
Component Type	PCB Receptacle
Overview	Impel™ and Impel™ Plus Backplane Solutions
Product Name	Impel™
UPC	887191302539

Physical

Circuits (Loaded)	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	Nickel, Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	21.252/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°C to +85°C

Electrical

Current - Maximum per Contact	0.75A
Data Rate	40.0 Gbps
Impedance	92Ω
Shield Type	Full Shield
Voltage - Maximum	150V AC (RMS)

Solder Process Data

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
171320 Series

Mates With
Impel™ Vertical Backplane Header
171315-1804 , 171315-1805 , 171315-1807 , 171315-1808 , 171315-1817 , 171315-1837

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	0621009770

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Application Specification	AS-171320-990-001, AS-171320-991-001, AS-171320-992-001
Packaging Specification	PK-78888-085
Product Specification	PS-171320-999-001
Sales Drawing	SD-171320-0001
Symbol/Footprint Data	SYM-171320-1038

Module Removal Tool	
Impel™ Daughtercard Module Installation Press-In Tool	0622018959

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