

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1713295020

Status:

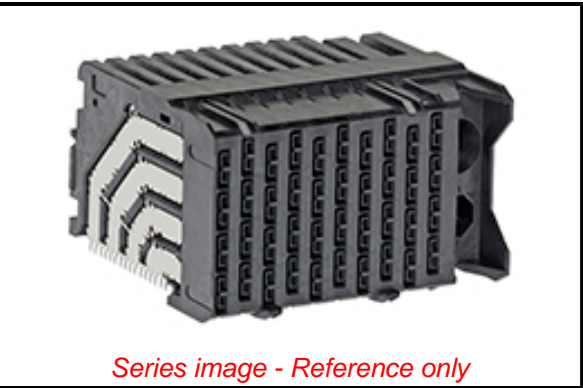
Active

Overview:

Impel and Impel Plus Backplane Solutions

Description:

Impel 92 Ohm, 4 Pair Right-Angle Daughtercard, 3.00mm Pitch, Right Guided, 10 Columns, 80 Circuits, Plated Through Hole Dimension 0.36mm



- Documents:
- 3D Model

Application Specification AS-171320-991-001 (PDF)
- Drawing (PDF)

Application Specification AS-171320-992-001 (PDF)
- Product Specification PS-171320-999-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-171320-990-001 (PDF)

General	
Product Family	Backplane Connectors
Series	171329
Application	Daughtercard
Application Tooling Documents	TM-622018899
Component Type	PCB Receptacle
Overview	Impel and Impel Plus Backplane Solutions
Product Name	Impel
UPC	889056053143

Physical	
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
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	33.882/g
Number of Columns	10
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	3.00mm
Pitch - Termination Interface	3.00mm
Plating min - Mating	0.762µm
Temperature Range - Operating	-55° 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)/DC

Solder Process Data

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit <a href="#">Contact US</a>	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

171329 Series

Mates With

Impel Vertical Backplane Header

171325-5108

Lead-free	Process Capability	N/A
<b>Material Info</b>		
<b>Reference - Drawing Numbers</b>		
Application Specification		AS-171320-990-001, AS-171320-991-001, AS-171320-992-001
Product Specification		PS-171320-999-001
Sales Drawing		SD-171329-0004-001
Symbol/Footprint Data		SYM-171329-5020

This document was generated on 10/11/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**