

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1713251108](#)
Status: **Active**
Overview: [Impel™ and Impel™ Plus Backplane Solutions](#)
Description: Impel™ 92 Ohm, 4 Pair Vertical Backplane Header, 3.00mm Pitch, Unguided, Open Endwalls, 10 Columns, 80 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.36mm

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 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	171325
Application	Backplane
Component Type	PCB Header
Overview	Impel™ and Impel™ Plus Backplane Solutions
Product Name	Impel™
UPC	889056055635
Physical	
Circuits (Loaded)	80
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	6.897/g
Number of Columns	10
Number of Pairs	4
Number of Rows	8
Orientation	Vertical
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°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	
Lead-freeProcess Capability	N/A



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant
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
[171325](#) Series

Mates With
Impel™ Right Angle Daughtercard
[171329-1020](#)

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 Backplane Press-In Tool	0622018996

Material Info

Reference - Drawing Numbers

Application Specification	AS-171320-990-001, AS-171320-991-001, AS-171320-992-001
Product Specification	PS-171320-999-001
Sales Drawing	SD-171325-0001
Symbol/Footprint Data	SYM-171325-1108

This document was generated on 11/21/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION