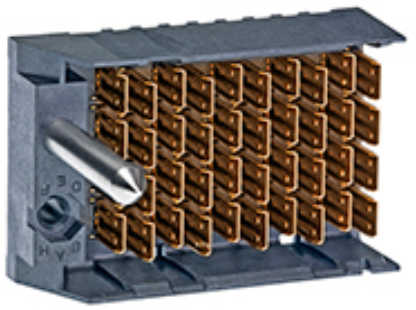
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Part Number: 1713255108
Status: Active
Overview: Impel™ Backplane Connector and Cable Assembly Systems
Description: Impel™ 92 Ohm, 4 Pair Vertical Backplane Header, 3.00mm Pitch, Right Guided, Open Endwalls, 10 Columns, 80 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.36mm



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Application Specification AS-171320-992 (PDF)
Packaging Specification PK-78888-084 (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	171325
Application	Backplane
Component Type	PCB Header
Overview	Impel™ Backplane Connector and Cable Assembly Systems
Product Name	Impel™
UPC	889056055642
Physical	
Circuits (Loaded)	80
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Nickel, Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	12.047/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	92#
Shield Type	Full Shield
Voltage - Maximum	150V AC (RMS)
Solder Process Data	
Lead-freeProcess Capability	N/A

EU ELV
Not Relevant

EU RoHS | **China 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

Search Parts in this Series
171325 Series

Mates With
Impel™ Right-Angle Daughtercard
171329-5020

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-171320-992
Packaging Specification	PK-78888-084
Sales Drawing	SD-171325-0004
Symbol/Footprint Data	SYM-171325-5108

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