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Part Number: 1715107136
Status: Active
Overview: Impel and Impel Plus Backplane Solutions
Description: Impel Plus 92 Ohm, 3-Pair Right-Angle Orthogonal Direct Daughtercard, 2.35mm Pitch, Unguided, 6 Columns, 36 Circuits, Plated Through Hole Dimension 0.31mm



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/61/2018 (27 June 2018)

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
171510 Series

Mates With
Impel Right-Angle Orthogonal Direct Backplane Header 173460

General	
Product Family	Backplane Connectors
Series	171510
Application	Daughtercard, Orthogonal Direct
Application Tooling Documents	TM-622018899
Component Type	PCB Receptacle
Overview	Impel and Impel Plus Backplane Solutions
Product Name	Impel Plus
UPC	191128338271
Physical	
Circuits (Loaded)	36
Circuits (maximum)	36
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 over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	11.640/g
Number of Columns	6
Number of Pairs	3
Number of Rows	6
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	2.35mm
Pitch - Termination Interface	2.35mm
Plating min - Mating	0.750µm
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A
Data Rate	56 Gbps
Impedance	92Ω
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales Drawing SD-171510-0001-000

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