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Part Number: [171320-5026](#)
Status: **Active**
Overview: Impel™ Backplane Connector and Cable Assembly System
Description: Impel™ 92 Ohm, 4 Pair Right-Angle Daughtercard, 1.90mm Pitch, Right-Guided, 16 Columns, 128 Circuits, Plated Through Hole Dimension 0.36mm

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-171320-999 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [171320](#)
 Application Backplane
 Component Type PCB Receptacle
 Overview [Impel™ Backplane Connector and Cable Assembly System](#)
 Product Name Impel™
 Style N/A
 UPC 887191648217

Physical

Circuits (Loaded) 128
 Circuits (maximum) 128
 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 47.609/g
 Number of Columns 16
 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 92#
 Shield Type Full Shield



Series

image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[171320Series](#)

Mates With

[171315 Impel™ Backplane Assembly](#)

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 Press-In Tool	0622018964
Impel™ Daughtercard Removal Tool	0621009780

Voltage - Maximum

150V AC (RMS)

Material Info

Reference - Drawing Numbers

Product Specification

PS-171320-999, RPS-171320-989

Sales Drawing

SD-171320-0004

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