

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **[171320-3038](#)**
Status: **Active**
Overview: Impel™ Backplane Connector and Cable Assembly System
Description: Impel™ 92 Ohm, 4 Pair Right-Angle Daughtercard, 1.90mm Pitch, Left Guided, 8 Columns, 96 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 Daughtercard
 Component Type PCB Receptacle
 Overview [Impel™ Backplane Connector and Cable Assembly System](#)
 Product Name Impel™
 Style N/A
 UPC 887191646879

Physical

Circuits (Loaded) 96
 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 Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin over Nickel
 Material - Resin Liquid Crystal Polymer
 Net Weight 26.656/g
 Number of Columns 8
 Number of Pairs 4
 Number of Rows 12
 Orientation Right Angle
 PC Tail Length 5.50mm
 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 -40°C to +105°C

Electrical

Current - Maximum per Contact 0.75A
 Data Rate 40.0 Gbps
 Impedance 92#
 Shield Type Full Shield
 Voltage - Maximum 150V AC (RMS)



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 Module Removal Tool | 0621009770 |
| Impel™ Daughtercard Module Installation Press-In Tool | 0622018959 |

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-171320-999, RPS-171320-989

SD-171320-0002

This document was generated on 12/09/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION