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Part Number: [171495-0227](#)
Status: **Active**
Description: Impel™ 92 Ohm, 6 Pair Vertical Backplane Header, 1.85/2.35mm Pitch, Unguided Type A, Dual Endwalls, 12 Columns, 216 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.36mm

Documents:

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

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [171495](#)
 Application Midplane, Orthogonal
 Component Type PCB Header
 Product Name Impel™
 Style N/A
 UPC 887191307855

Physical

Circuits (Loaded) 216
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Guide to Mating Part No
 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 12.530/g
 Number of Columns 12
 Number of Pairs 6
 Number of Rows 18
 Orientation Vertical
 PC Tail Length 1.30mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 3.00mm
 Packaging Type Tray
 Pitch - Mating Interface 1.85mm, 2.35mm
 Pitch - Termination Interface 2.35mm
 Plating min - Mating 0.762µm
 Temperature Range - Operating -55°C to +85°C

Electrical

Current - Maximum per Contact .75A
 Data Rate 40.0 Gbps
 Shield Type Full Shield
 Voltage - Maximum 29V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales Drawing SD-171495-0001

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

[171495Series](#)

Mates With

[171500-1022](#) Impel™ 92 Ohm, 6 Pair Right-Angle Orthogonal Daughtercard

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	0622018933

This document was generated on 01/07/2014

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