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Part Number: [76055-1614](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 100 Ohm 5 Pair Vertical Backplane Header, Unguided, Left Endwall, 16 Columns, 240 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-76060-999 \(PDF\)](#)
[Application Specification AS-76060-990 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [76055](#)
Application Conventional, Mezzanine
Application Tooling Documents TM-622018799
Component Type PCB Header
Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
Product Name Impact™
UPC 883906413620

Physical

Circuits (Loaded) 240
Circuits (maximum) 240
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 5.234/g
Number of Columns 16
Number of Pairs 5
Number of Rows 15
Orientation Vertical
PC Tail Length 1.40mm
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
Polarized to PCB No
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

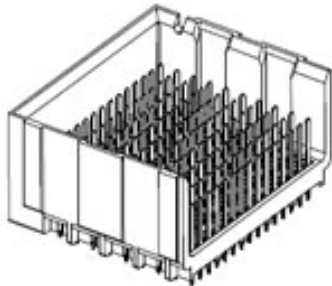


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

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
[76055Series](#)

Mates With
[76060](#) Impact™ 100 Ohm Daughtercard

Use With
[75234](#) Backplane Free Standing Guide Pin

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 #
Backplane Insertion Tool for Signal Contact	0621005800
Backplane Press-In Tool for 5-Pair by 16-Column Assemblies	0622018665

Current - Maximum per Contact	0.75A	Backplane Header	<u>0621009610</u>
Data Rate	25.0 Gbps	Removal Tool for	
Impedance	100#	GbX-U™, I-Trac™,	
Shield Type	N/A	Impact™, or TinMan	
Shielded	No	Impact™ Backplane	<u>0622018873</u>
Voltage - Maximum	30V AC (RMS)/DC	Press-In Tool	
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990		
Product Specification	PS-76060-999		
Sales Drawing	SD-76055-001		
Symbol/Footprint Data	SYM-76055-1614		

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