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Part Number: [0761455608](#)

Status: **Active**

Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)

Description: Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Right Guided, Open Endwall, 16 Columns, 288 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-990 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76060-999 (PDF)	

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76145
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
UPC	883906410698
Physical	
Circuits (Loaded)	288
Circuits (maximum)	288
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
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	9.137/g
Number of Columns	16
Number of Pairs	6
Number of Rows	18
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	Yes
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	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Contains SVHC(2014 December 17): No Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS ELV
	Green Image Not Relevant

Search Parts in this Series
[76145](#) Series

Mates With
[76150](#) Impact™ 100 Ohm Daughtercard

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Backplane Insertion Tool for Signal Contact	0621005800
Backplane Header Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	0621009610

Data Rate	25.0 Gbps	Press-in-Tool for 0622018664
Impedance	100#	Daughter Card
Shield Type	N/A	Signal Module, 6-
Shielded	No	Pair by 16-Column
Voltage - Maximum	30V AC (RMS)/DC	Assemblies
Solder Process Data		Impact™ Backplane 0622018874
Lead-freeProcess Capability	N/A	Press-In Tool
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990	
Product Specification	PS-76060-999	
Sales Drawing	SD-76145-003	
Symbol/Footprint Data	SYM-76145-5608	

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