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Part Number: [0761451125](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Dual Endwall, 10 Columns, 180 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-76060-990-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-7703 \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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	883906405342
Physical	
Circuits (Loaded)	180
Circuits (maximum)	180
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	4.617/g
Number of Columns	10
Number of Pairs	6
Number of Rows	18
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
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

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

Mates With
[76150](#) 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	621005800
Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	621009610

Current - Maximum per Contact	0.75A	Backplane Signal	<u>622018662</u>
Data Rate	25.0 Gbps	Module Assembly	
Impedance	100Ω	Press-In Tool for 6-	
Shield Type	N/A	Pair by 10-Column	
Shielded	No	Assemblies	
Voltage - Maximum	30V AC (RMS)/DC		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990-001		
Packaging Specification	PK-70873-7703		
Product Specification	PS-76060-999-001		
Sales Drawing	SD-76145-001-001		
Symbol/Footprint Data	SYM-76145-1125		

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