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Part Number:

0761451615

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Left Endwall, 16 Columns, 288 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

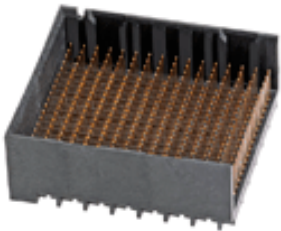
Documents:	
3D Model	Application Specification AS-76060-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-7703 (PDF)
Product Specification PS-76060-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

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	883906407780

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	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	6.226/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	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

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	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 #
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Backplane Insertion	621005800
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Tool for Signal

Contact

Backplane Header	621009610
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Removal Tool for

GbX U-Series, GbX

I-Trac, Impact, or Z-

PACK TinMan

Current - Maximum per Contact	0.75A	Backplane Module	622018664
Data Rate	25.0 Gbps	Installation Press-In	
Impedance	100Ω	Tool for 6 Pair by 16	
Shield Type	N/A	Column Assemblies	
Shielded	No	Impact Backplane	622018874
Voltage - Maximum	30V AC (RMS)/DC	Press-In Tool	
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-76145-1615		

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