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Part Number:

0761455704

Status:

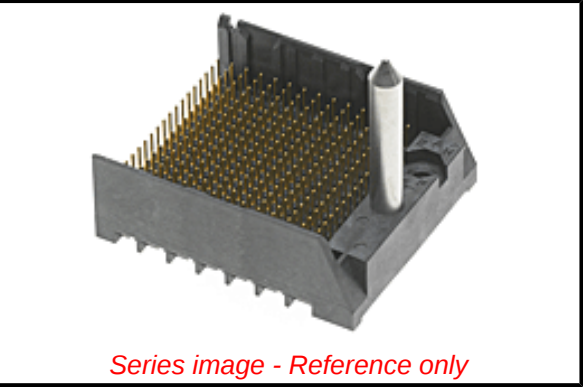
Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Right Guided, Open Endwall, 14 Columns, 252 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free



Series image - Reference only

Documents:	
3D Model	Application Specification AS-76060-990 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-760 (PDF)
Product Specification PS-76060-999 (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	884982219434
Physical	
Circuits (Loaded)	252
Circuits (maximum)	252
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	8.560/g
Number of Columns	14
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
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

Green Image

ELV

Not Relevant

Search Parts in this Series

76145 Series

Mates With

76150 Impact™ 100 Ohm 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 #
Press-In Tool for 6-Pair by 14-Column Backplane	0622018639
Backplane Header Removal Tool for GbX® U-Series, GbX	0621009610

Current - Maximum per Contact	0.75A	I-Trac™, Impact™, or Z-PACK Tinman*
Data Rate	25.0 Gbps	
Impedance	100#	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990	
Packaging Specification	PK-70873-760	
Product Specification	PS-76060-999	
Sales Drawing	SD-76145-003	
Symbol/Footprint Data	SYM-76145-5704	

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