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Part Number:

0761453607

Status:

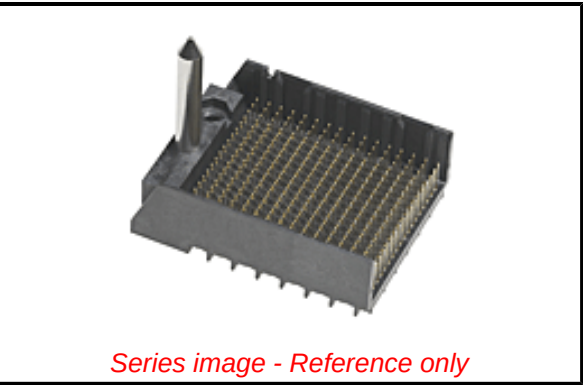
Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Left Guided, Open Endwall, 16 Columns, 288 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Documents:	
3D Model	Application Specification AS-76060-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-760 (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	883906409401
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	9.436/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
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

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

RoHS Phthalates

Not Contained

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	0622018664
Daughter Card	
Signal Module, 6-	
Pair by 16-Column	
Assemblies	

Current - Maximum per Contact	0.75A	Backplane Insertion	<u>0621005800</u>
Data Rate	25.0 Gbps	Tool for Signal	Contact
Impedance	100Ω	Backplane Header	<u>0621009610</u>
Shield Type	N/A	Removal Tool for	GbX® U-Series, GbX
Shielded	No		I-Trac™, Impact™,
Voltage - Maximum	30V AC (RMS)/DC		or Z-PACK Tinman*
Solder Process Data		Impact™ Backplane	<u>0622018874</u>
Lead-freeProcess Capability	N/A	Press-In Tool	
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990-001		
Packaging Specification	PK-70873-760		
Product Specification	PS-76060-999-001		
Sales Drawing	RSD-173432-002, SD-76145-002		
Symbol/Footprint Data	SYM-76145-3607		

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