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Part Number:

0761455104

Status:

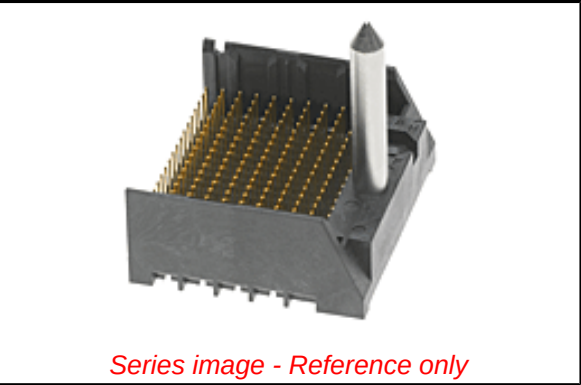
Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Right Guided, Open Endwall, 10 Columns, 180 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)	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	883906099992
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	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	7.373/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	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

EU ELV	
Not Relevant	
EU RoHS	China 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	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 #
Backplane Signal Module Assembly	0622018662
Press-In Tool for 6-Pair by 10-Column Assemblies	
Backplane Insertion Tool for Signal Contact	0621005800

Data Rate	25.0 Gbps	Backplane Header	<u>0621009610</u>
Impedance	100#	Removal Tool for	
Shield Type	N/A	GbX-U™, I-Trac™,	
Shielded	No	Impact™, or TinMan	
Voltage - Maximum	30V AC (RMS)/DC		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990		
Product Specification	PS-76060-999, RPS-76060-999		
Sales Drawing	SD-76145-003		
Symbol/Footprint Data	SYM-76145-5104		

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