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Part Number:

0761451105

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Open Endwall, 10 Columns, 180 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

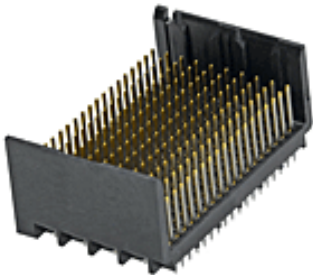
Application Specification AS-76060-990 (PDF)

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	883906402495
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	3.588/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
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A



Series image - Reference only

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

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 Signal

0622018662

Module Assembly

Press-In Tool for 6-Pair by 10-Column Assemblies

Data Rate	25.0 Gbps	Backplane Insertion	<u>0621005800</u>
Impedance	100#	Tool for Signal	Contact
Shield Type	N/A	Backplane Header	<u>0621009610</u>
Shielded	No	Removal Tool for	GbX-U™, I-Trac™,
Voltage - Maximum	30V AC (RMS)/DC	Impact™, or TinMan	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990		
Product Specification	PS-76060-999		
Sales Drawing	SD-172375-0001, SD-76145-001		
Symbol/Footprint Data	SYM-76145-1105		

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