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Part Number:

0765609105

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 6 Pair RAM Right Angle Header, Right Guided, Left Endwall, 10 Columns, 180 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-76060-999 (PDF)

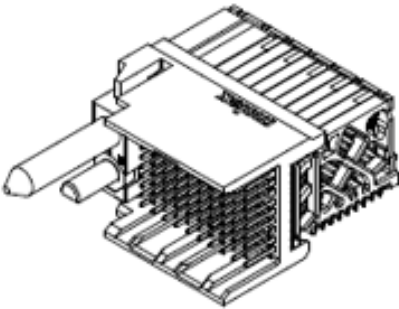
Application Specification AS-76060-990 (PDF)

Application Specification AS-76060-9999 (PDF)

Packaging Specification PK-70873-777 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76560
Application	Coplanar
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Electrical Model	Yes
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	887191265261
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	28.663/g
Number of Columns	10
Number of Pairs	6
Number of Rows	18
Orientation	Right Angle
PC Tail Length	1.20mm
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
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

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

76560 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 #
Daughter Card	0622018661
Signal Module	
Assembly Press-In	
Tool for 6-Pair by 10-Column Assemblies	

Electrical

Current - Maximum per Contact	0.75A
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
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990, AS-76060-9999
Electrical Model Document	EE-76560-0001
Packaging Specification	PK-70873-777
Product Specification	PS-76060-999
S-Parameter Model	SP-76560-0001, SP-76560-002
Sales Drawing	SD-76560-9004
Symbol/Footprint Data	SYM-76560-9105

Impact™ Right Angle0622024350
Module Removal
Tool (RAM)

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