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Part Number:

0764507108

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 2 Pair Right Angle Male Header, Left Guided, Right Endwall, 10 Columns, 60 Circuits, Pin Length 5.50mm,, Plated Through Hole Dimension 0.39mm, Lead-Free

- Documents:
- 3D Model

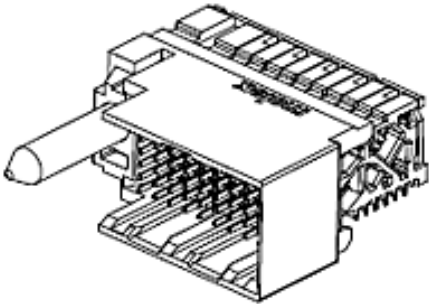
Application Specification AS-76060-994 (PDF)
- Drawing (PDF)

Application Specification AS-76060-9999 (PDF)
- Product Specification PS-76060-999 (PDF)

Packaging Specification PK-70873-077 (PDF)
- Application Specification AS-76060-990 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76450
Application	Coplanar
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	884982300217
Physical	
Circuits (Loaded)	60
Circuits (maximum)	60
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
Number of Columns	10
Number of Pairs	2
Number of Rows	6
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
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV	
Not Reviewed	
EU RoHS	China RoHS
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free	
Status	
Not Reviewed	
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	Not Reviewed
ELV	Not Reviewed

Search Parts in this Series

76450 Series

Mates With

76460 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 #
Impact™ Right Angle Module Removal	0622024350
Tool (RAM)	
Press-in-Tool for Daughter Card	0622018778
Signal Module, 2-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

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990, AS-76060-994, AS-76060-9999
Electrical Model Document	EE-76450-002, EE-76450-50G
Packaging Specification	PK-70873-077
Product Specification	PS-76060-999
S-Parameter Model	SP-76450-002, SP-76450-50G
Sales Drawing	SD-76450-002
Symbol/Footprint Data	SYM-76450-7108

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