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Part Number:

76450-1137

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

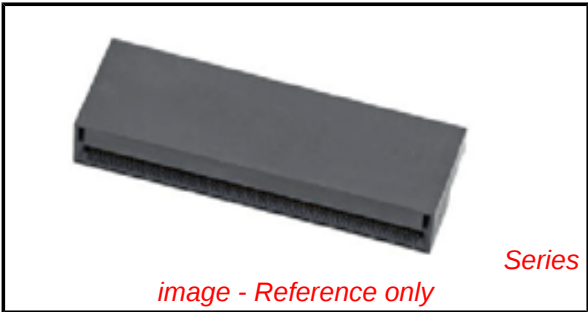
Description:

Impact™ 100 Ohm 2 Pair Right Angle Male Header, Unguided, Right Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:	
3D Model	Application Specification AS-76060-990 (PDF)
Drawing (PDF)	Application Specification AS-76060-994 (PDF)
Product Specification PS-76060-999 (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
Electrical Model		Yes
Overview		Impact™ Backplane Connector and Cable Assembly System
Product Name		Impact™
Style		N/A
UPC		884982473348

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		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		9.688/g
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		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



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

76450Series

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 #
Press-in-Tool for Daughter Card	0622018778
Signal Module, 2-Pair by 10-Column Assemblies	
Impact™ Right Angle Module Removal Tool (RAM)	0622024350

Termination Interface: Style

Through Hole - Compliant Pin

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

Electrical Model Document

EE-76450-0001

Product Specification

PS-76060-999

S-Parameter Model

SP-76450-0001

Sales Drawing

SD-76450-001

Symbol/Footprint Data

SYM-76450-1137

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