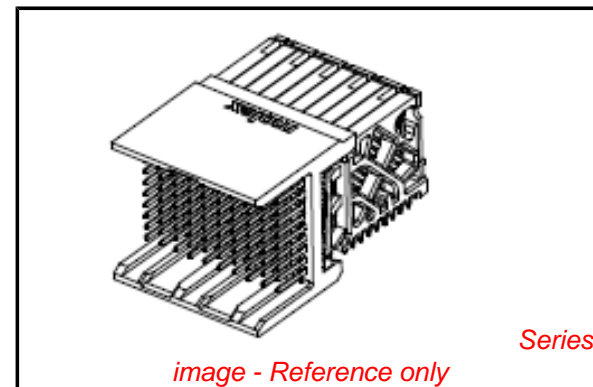


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**Part Number:** **0764501908**  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connectors  
**Description:** Impact™ 2 Pair Coplanar Right Angle Header, 1.90 by 1.35mm Pitch, Unguided, Open Ends, 18 Columns, 108 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-76060-994 \(PDF\)](#)  
[Product Specification PS-76060-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-76060-990 \(PDF\)](#)



*image - Reference only*

**General**

Product Family	Backplane Connectors
Series	76450
Application	Coplanar
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connectors
Product Name	Impact™
Style	N/A

**Physical**

Circuits (Loaded)	108
Circuits (maximum)	108
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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
Number of Columns	16
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
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Shield Type	N/A

**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](mailto: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™ Daughtercard

Shielded  
Voltage - Maximum

No  
30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification  
Product Specification  
Sales Drawing

AS-76060-990, AS-76060-994  
PS-76060-999  
SD-76450-001

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