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Part Number:

76450-1117

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

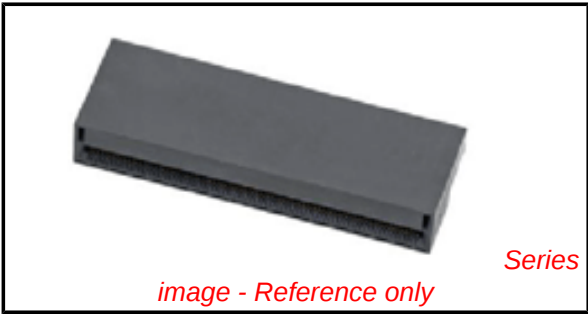
Description:

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

|                                                          |                                                              |
|----------------------------------------------------------|--------------------------------------------------------------|
| Documents:                                               |                                                              |
| <a href="#">3D Model</a>                                 | <a href="#">Application Specification AS-76060-990 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Application Specification AS-76060-994 (PDF)</a> |
| <a href="#">Product Specification PS-76060-999 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| 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                           | 884982473331                                          |

|                                |                                |
|--------------------------------|--------------------------------|
| 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](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™ 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-76450-1117

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