

Part Number : <u>1202530152</u> Product Description : Impact 100 Ohm 5 Pair Vertical Backplane Header, Unguided, Open Endwall, 16 Columns, 240 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free Series Number : 76055

Status : Active Product Category : Backplane Connectors

### **Documents & Resources**

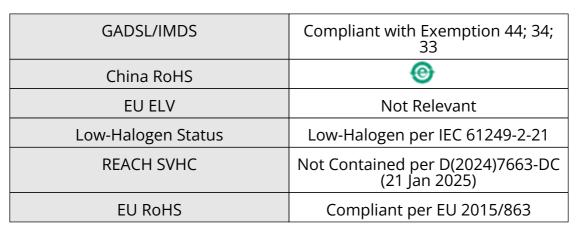
Drawings 760551607\_sd.pdf PK-70873-7702-001.pdf

**3D Models and Design Files** 760551607\_stp.zip SYM-76055-1607-001.zip

Specifications AS-76060-990-001.pdf AS-76060-9999-001.pdf PS-45499-002-001.pdf PS-76060-999-001.pdf

## **Product Environment Compliance**

#### Compliance



Multiple Part Product Compliance Statements



- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

## Part Details

#### General

Status	Active
Category	Backplane Connectors
Series	76055
Description	Impact 100 Ohm 5 Pair Vertical Backplane Header, Unguided, Open Endwall, 16 Columns, 240 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free
Application	Conventional, Mezzanine
Component Type	PCB Header
Product Name	Impact
UPC	883906411459

### Agency

UL E29179
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### Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

# Physical

Circuits (Loaded)	240
Circuits (maximum)	240
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	4.791/g
Number of Columns	16
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
Packaging Type	Тгау
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Impact 100 Ohm 5 Pair Right-Angle Daughtercard Receptacles	76060

## Use with Part(s)

Description	Part Number
GbX Backplane Guide Pins	75234

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