



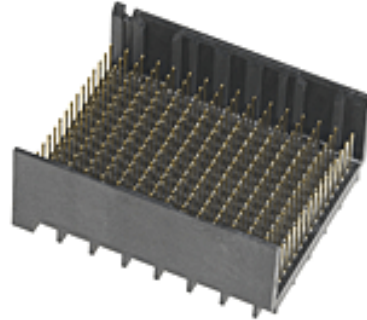
Part Number : [760551604](#)

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 0.46mm, Lead-Free

Series Number : 76055

Status : Active

Product Category : Backplane Connectors



Documents & Resources

Drawings

[760551604_sd.pdf](#)

[PK-70873-7702-001.pdf](#)

3D Models and Design Files

[760551604_stp.zip](#)

[SYM-76055-1604-001.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

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS

- 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 0.46mm, Lead-Free
Application	Conventional, Mezzanine
Component Type	PCB Header
Product Name	Impact
UPC	883906411428

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	Tray
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	<u>76060</u>

Use with Part(s)

Description	Part Number
GbX Backplane Guide Pins	<u>75234</u>