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Part Number: [0760553105](#)

Status: **Active**

Overview:

Description: Impact 100 Ohm 5 Pair Vertical Backplane Header, Left Guided, Open Endwall, 10 Columns, 150 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [76055](#)
 Application Conventional, Mezzanine
 Application Tooling Documents TM-622018799-001
 Component Type PCB Header
 Overview impact_backplane_connector_system
 Product Name Impact
 UPC 883906413996

Physical

Circuits (Loaded) 150
 Circuits (maximum) 150
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 Guide to Mating Part Yes
 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 6.419/g
 Number of Columns 10
 Number of Pairs 5
 Number of Rows 15
 Orientation Vertical
 PC Tail Length 1.40mm
 PCB Locator No
 PCB Retention Yes
 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 Yes
 Stackable No
 Temperature Range - Operating -55° to +85°C
 Termination Interface: Style Through Hole - Compliant Pin

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76055](#) Series

Mates With

[76060](#) Impact 100 Ohm Daughtercard

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Application Specification

AS-76060-990-001, AS-76060-9999-001

Packaging Specification

PK-70873-759-001

Product Specification

PS-76060-999-001

Sales Drawing

SD-76055-002-001

Symbol/Footprint Data

SYM-76055-3105-001

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