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Part Number:

0760555605

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 5 Pair Vertical Backplane Header, Right Guided, Open Endwall, 16 Columns, 240 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

- Documents:
- 3D Model

Application Specification AS-76060-9999-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-759-001 (PDF)
- Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-990-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76055

Application

Conventional, Mezzanine

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact™ Backplane Connectors and Cable Assemblies

Product Name

Impact

UPC

883906414702

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

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

8.187/g

Number of Columns

16

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76055 Series

Mates With

76060 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 #
Backplane Insertion Tool for Signal Contact	621005800
Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	621009610
Backplane Press-In Tool for 5-Pair by 16-Column Assemblies	622018665

		Impact Backplane	622018873
		Press-In Tool	
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	
Solder Process Data			
Lead-freeProcess 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-76055-003-001	
Symbol/Footprint Data		SYM-76055-5605	

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