

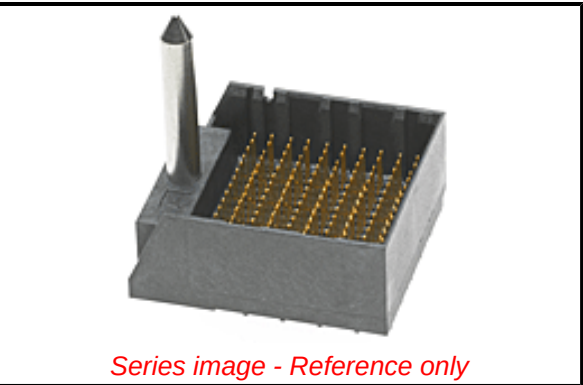
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Part Number: 0769857105

Status: Active

Overview: Impact Backplane Connector and Cable Assembly System

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



Series image - Reference only

- Documents:**
- 3D Model
 - Drawing (PDF)
 - Product Specification PS-76060-999-001 (PDF)
 - Application Specification AS-76060-9999-001 (PDF)
 - Application Specification AS-76850-990-001 (PDF)
 - Packaging Specification PK-70873-765-001 (PDF)
 - RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family Backplane Connectors

Series 76985

Application Orthogonal Midplane

Application Tooling Documents TM-622018799

Component Type PCB Header

Overview Impact Backplane Connector and Cable Assembly System

Product Name Impact

UPC 884982166592

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 7.314/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 None

PCB Thickness - Recommended 3.00mm

Packaging Type Tray

Pitch - Mating Interface 1.90mm, 2.15mm

Pitch - Termination Interface 1.90mm, 2.15mm

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

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

76985 Series

Mates With

76990 Impact 100 Ohm Right Angle Orthogonal 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 #
Impact Ortho Backplane Removal Tool	621009620
Impact Backplane Press-In Tool	622030580

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
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-765-001
Product Specification	PS-76060-999-001
Sales Drawing	SD-171884-0002, SD-76985-002-001
Symbol/Footprint Data	SYM-76985-7105

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