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Part Number: [0768457805](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 100 Ohm 4 Pair Vertical Orthogonal Header, Left Guide, Right Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-76060-9999-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Application Specification AS-76850-990-001 \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family Backplane Connectors
Series [76845](#)
Application Orthogonal Midplane
Application Tooling Documents TM-622018799
Component Type PCB Header
Overview [Impact™ Backplane Connector and Cable Assembly System](#)
Product Name Impact™
UPC 884982061705

Physical
Circuits (Loaded) 96
Circuits (maximum) 96
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 5.808/g
Number of Columns 8
Number of Pairs 4
Number of Rows 12
Orientation Vertical
PC Tail Length 1.40mm
PCB Locator No
PCB Retention Yes
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°C to +85°C
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[76845 Series](#)

Mates With
[76850 Impact™ 100 Ohm Right-Angle
Daughtercard](#)

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
Product Specification	PS-76060-999-001
Sales Drawing	SD-76845-002
Symbol/Footprint Data	SYM-76845-7805

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