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Part Number: **0768605038**
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 100 Ohm 3 Pair Right Angle Orthogonal Daughtercard, Right Guide, 8 Columns, 72 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-76850-990-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-591 \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-76060-9999-001 \(PDF\)](#)

Agency Certification

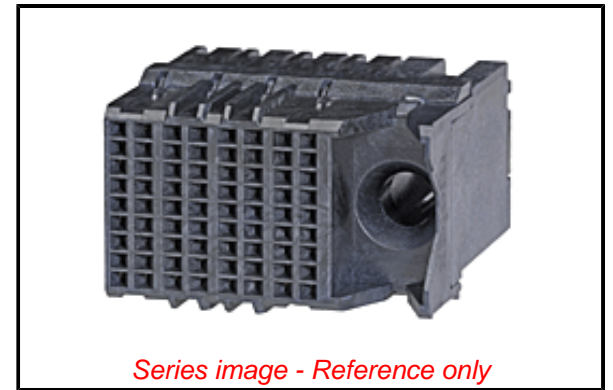
UL E29179

General

Product Family Backplane Connectors
Series [76860](#)
Application Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents TM-622018799
Component Type PCB Receptacle
Overview [Impact™ Backplane Connector and Cable Assembly System](#)
Product Name Impact™
UPC 884982186194

Physical

Circuits (Loaded) 72
Circuits (maximum) 72
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 9.084/g
Number of Columns 8
Number of Pairs 3
Number of Rows 9
Orientation Right Angle
PC Tail Length 1.20mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.00mm
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
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU 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

[76860](#) Series

Mates With

[76855](#) Impact™ 100 Ohm Backplane Header

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 Daughter Card Extraction Tool	0622024300
Impact™ Daughter Card Module Removal Tool	0622024600

Termination Interface: Style

Through Hole - Compliant Pin

Press-In Tool for 0622018746
Daughter Card

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-9999-001, AS-76850-990-001
Electrical Model Document	EE-76860-049, EE-76860-055
Packaging Specification	PK-70873-591
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76860-049, SP-76860-055
Sales Drawing	SD-76860-004
Symbol/Footprint Data	SYM-76860-5038

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