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Part Number: [76860-1036](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 100 Ohm 3 Pair Right Angle Orthogonal Daughtercard, Right Guide, 6 Columns, 54 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free](#)

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

General	
Product Family	Backplane Connectors
Series	76860
Application	Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
Style	N/A
UPC	884982068216
Physical	
Circuits (Loaded)	54
Circuits (maximum)	54
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
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	4.958/g
Number of Columns	6
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	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[76860Series](#)

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
Press-In Tool for Daughter Card	0622018744
Impact™ Daughter Card Module Removal Tool	0622024600

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-76850-990
Electrical Model Document	EE-76860-001
Product Specification	PS-76060-999
S-Parameter Model	SP-76860-001
Sales Drawing	SD-76860-001
Symbol/Footprint Data	SYM-76860-1036

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