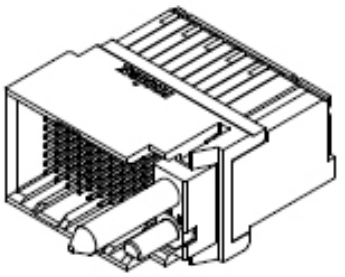
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Part Number: 0764109607
Status: Active
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 100 Ohm 3 Pair Right Angle Male Header, Right Guided, Left Endwall, 16 Columns, 144 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-76060-999-001 (PDF)
Application Specification AS-76060-990-001 (PDF)
Application Specification AS-76060-9999-001 (PDF)
Packaging Specification PK-70873-762 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Backplane Connectors
Series	76410
Application	Orthogonal Direct
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Electrical Model	Yes
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
Style	N/A
UPC	887191689036

Physical

Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	17.277/g
Number of Columns	16
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps

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
76410 Series

Mates With
76170 Impact™ 100 Ohm right Angle 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 #
Daughter Card Module Installation Press-In Tool for 3-Pair by 16-Column Assemblies	0622018650

Impedance	100Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Impact™ Right Angle0622024350 Module Removal Tool (RAM)

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990-001, AS-76060-9999-001
Electrical Model Document	EE-76410-002
Packaging Specification	PK-70873-762
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76410-002
Sales Drawing	SD-76410-004

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