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Part Number: **0764101604**
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact 100 Ohm 3 Pair Right-Angle Male Header, Unguided, Open Endwall, 16 Columns, 144 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead Free

Documents:

Drawing (PDF)	Packaging Specification PK-70873-762-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Symbol Footprint Data SYM-76410-1607 (PDF)
Application Specification AS-76060-990-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-9999-001 (PDF)	

Agency Certification

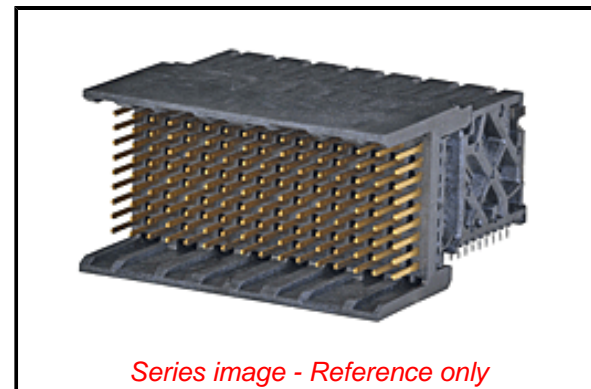
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General

Product Family	Backplane Connectors
Series	<u>76410</u>
Application	Orthogonal Direct
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	<u>Impact™ Backplane Connectors and Cable Assemblies</u>
Product Name	Impact
Style	N/A
UPC	887191676081

Physical

Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
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	12.240/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	None
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	No
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

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	<u>622018650</u>
Module Installation	
Press-In Tool for 3-Pair by 16-Column Assemblies	
Impact Right-Angle Module Removal Tool (RAM)	<u>622024350</u>

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-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Application Specification	AS-76060-990-001, AS-76060-9999-001
Electrical Model Document	EE-76410-002
Packaging Specification	PK-70873-762-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76410-002
Sales Drawing	SD-76410-001
Symbol/Footprint Data	SYM-76410-1607

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