

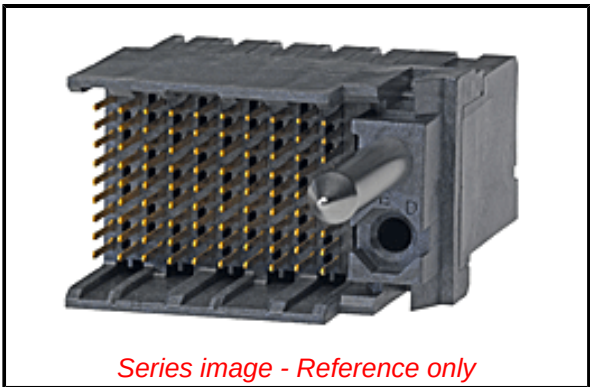
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Part Number: [0764105107](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 3 Pair Right-Angle Male Header, Right Guide, Open Endwall, 10 Columns, 90 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-76060-9999-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-762-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Symbol Footprint Data SYM-76410-5107-001 \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-76060-990-001 \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76410
Application	Coplanar
Application Tooling Documents	TM-622018799-001
Component Type	PCB Header
Data Rate	25.0 Gbps
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
Taxonomy	Backplane Connectors
UPC	883906421335

Physical	
Circuits (Loaded)	90
Circuits (maximum)	90
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	12.532/g
Number of Columns	10
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
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - D(2022)4187-DC (10 June 2022) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[76410 Series](#)

Mates With
[76170](#) Impact 100 Ohm 3 Pair Right Angle Daughtercard

Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A
Impedance	100Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990-001, AS-76060-9999-001
Electrical Model Document	EE-76410-002-002
Packaging Specification	PK-70873-762-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76410-002-002
Sales Drawing	SD-76410-004-001
Symbol/Footprint Data	SYM-76410-5107-001

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