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Part Number:

0761701010

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 3 Pair Right-Angle Daughtercard Receptacle, Unguided, 10 Columns, 90 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:	
3D Model	Application Specification AS-76060-9999-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-591-001 (PDF)
Drawing (PDF)	Test Summary TS-76170-0001-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Symbol Footprint Data SYM-76170-1010 (PDF)
Application Specification AS-76060-990-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

Product Family	Backplane Connectors
Series	76170
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	883906216672

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	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	8.139/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	No
Stackable	No
Temperature Range - Operating	-55° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

76170 Series

Mates With

76165 Impact 100 Ohm Vertical Header,
76410 Impact 100 Ohm Right Angle Header

Use With

76153 Pirate Cannon Wide Guide Module

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	622018646
Module Installation	
Press-In Tool for 3-Pair by 10-Column Assemblies	
Impact Daughter Card Extraction Tool	622024300

Termination Interface: Style	Through Hole - Compliant Pin	Impact Daughter Card Module Removal Tool	<u>622024600</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-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990-001, AS-76060-9999-001		
Electrical Model Document	EE-76170-003		
Packaging Specification	PK-70873-591-001		
Product Specification	PS-76060-999-001		
S-Parameter Model	SP-76170-003		
Sales Drawing	SD-76170-001-001		
Symbol/Footprint Data	SYM-76170-1010		
Test Summary	TS-76170-0001-001		

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