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Part Number:

1715767204

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm Right-Angle Orthogonal Direct Header, 6-Pair, Top Guide, Bottom Endwall, with Outtrigger, 12 Column, 72 Differential Pair, Pin Length 4.90mm, 0.46mm Plated Through-Hole, Lead-Free

Documents:

3D Model

Application Specification AS-76060-9999 (PDF)

Drawing (PDF)

Application Specification AS-76850-990 (PDF)

Product Specification PS-45499-002 (PDF)

Packaging Specification PK-70873-8024 (PDF)

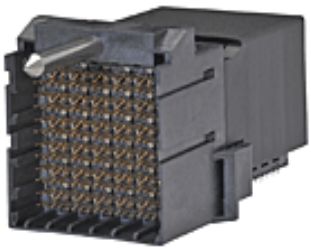
Product Specification PS-76060-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
General		
Product Family		Backplane Connectors
Series		171576
Application		Orthogonal Direct
Application Tooling Documents		TM-622018799
Component Type		PCB Header
Overview		Impact™ Backplane Connectors and Cable Assemblies
Product Name		Impact™
UPC		887191432076

Physical		
Circuits (Loaded)		216
Circuits (maximum)		216
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		46.781/g
Number of Columns		12
Number of Pairs		6
Number of Rows		18
Orientation		Right Angle
PC Tail Length		1.20mm
PCB Locator		No
PCB Retention		Yes
PCB Thickness - Recommended		1.00mm
Packaging Type		Tray
Pitch - Mating Interface		1.35mm, 1.90mm, 2.15mm
Pitch - Termination Interface		1.35mm, 1.90mm, 2.15mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Not 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

Search Parts in this Series

171576 Series

Mates With

76290 Impact™ 100 Ohm Right Angle Orthogonal 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 #
Impact Daughter	0622024300
Card Extraction Tool	
Impact™ Orthogonal	0622030029
Direct Ram Module	
Installation Press-In	
Tool	

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
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9999, AS-76850-990
Packaging Specification	PK-70873-8024
Product Specification	PS-45499-002, PS-76060-999
Sales Drawing	SD-171576-0002
Symbol/Footprint Data	SYM-171576-7204

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