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Part Number: [1712981604](#)

Status: **Active**

Overview: Impact™ Backplane Connectors and Cable Assemblies

Description: Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Open Endwall, 16 Columns, 288 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Matte Tin, 0.254µm Gold

Documents:

3D Model	Application Specification AS-76060-9999 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-7703 (PDF)
Product Specification PS-76060-999 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-990 (PDF)	

Agency Certification

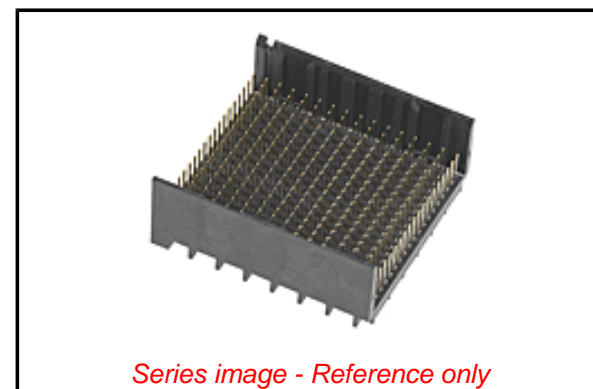
UL E29179

General

Product Family	Backplane Connectors
Series	171298
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
UPC	887191001203

Physical

Circuits (Loaded)	288
Circuits (maximum)	288
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	5.523/g
Number of Columns	16
Number of Pairs	6
Number of Rows	18
Orientation	Vertical
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	0.254µm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55°C 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
-ED/79/2015 (17
December 2015)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[171298](#) Series

Mates With

[76150](#) Impact™ 100 Ohm Receptacle

Use With

[75234](#) Backplane Free Standing Guide Pin

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 #

Press-in-Tool for	0622018664
Daughter Card	
Signal Module, 6-	

Electrical

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
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990, AS-76060-9999
Packaging Specification	PK-70873-7703
Product Specification	PS-76060-999
Sales Drawing	SD-171298-0001

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