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Part Number: [1704751208](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 85 Ohm Plus 5 Pair Vertical Backplane Header, Unguided, Open Endwalls, 12 Columns, 180 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

3D Model	Application Specification AS-76060-990 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-7702 (PDF)
Product Specification PS-170540-999 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

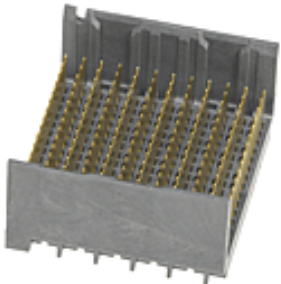
UL	E29179
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General

Product Family	Backplane Connectors
Series	170475
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	887191035871

Physical

Circuits (Loaded)	180
Circuits (maximum)	180
Color - Resin	Gray
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	4.858/g
Number of Columns	12
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.35mm, 1.90mm
Pitch - Termination Interface	1.35mm, 1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	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

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[170475](#) Series

Mates With

[170480](#) Impact™ 85 Ohm Plus Right Angle
Receptacle

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 #

Backplane Header	0621009610
Removal Tool for GbX® U-Series, GbX I-Trac™, Impact™, or Z-PACK Tinman*	

Electrical		Impact™ Insertion <u>0621005850</u>	
Current - Maximum per Contact	0.75A	Tool	
Data Rate	25.0 Gbps	Impact™ 85 Ohm	<u>0622018804</u>
Impedance	85#	Backplane Press-In	
Shield Type	N/A	Tool for 5-Pair by 12-	
Shielded	No	Column Assemblies	
Voltage - Maximum	30V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990		
Packaging Specification	PK-70873-7702		
Product Specification	PS-170540-999		
Sales Drawing	SD-170475-0001		
Symbol/Footprint Data	SYM-170475-1208		

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