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Part Number: [1705251824](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 85 Ohm Plus 3 Pair Vertical Backplane Header, Unguided, Dual Endwall, 8 Columns, 72 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead Free

Documents:

[Drawing \(PDF\)](#)
[Product Specification PS-170540-999 \(PDF\)](#)
[Application Specification AS-76060-990 \(PDF\)](#)
[Packaging Specification PK-70873-7700 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

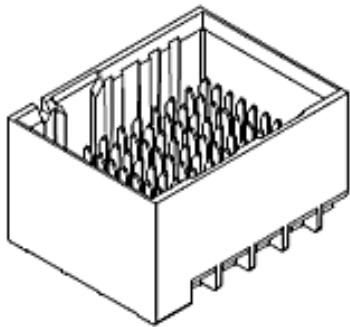
UL E29179

General

Product Family Backplane Connectors
Series [170525](#)
Application Conventional
Application Tooling Documents TM-622018799
Component Type PCB Header
Overview [Impact™ Backplane Connector and Cable Assembly System](#)
Product Name Impact™
UPC 887191209821

Physical

Circuits (Loaded) 72
Circuits (maximum) 72
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 2.886/g
Number of Columns 8
Number of Pairs 3
Number of Rows 9
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

China 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

[170525](#) Series

Mates With

[170530](#) 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™ 85 Ohm <u>0622018801</u>	
Current - Maximum per Contact	0.75A	Backplane Press-In	
Data Rate	25.0 Gbps	Tool for 3-Pair by 8-	
Impedance	85#	Column Assemblies	
Shield Type	N/A	Impact™ Insertion <u>0621005850</u>	
Shielded	No	Tool	
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-70873-7700		
Product Specification	PS-170540-999		
Sales Drawing	SD-170525-0001		
Symbol/Footprint Data	SYM-170525-1824		

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