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Part Number: [1703351604](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 85 Ohm Plus 4 Pair Vertical Header, Unguided, Open End Wall, 16 Columns, 192 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free](#)

Documents:

Drawing (PDF)	Application Specification AS-76060-990 (PDF)
Product Specification PS-170540-999 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

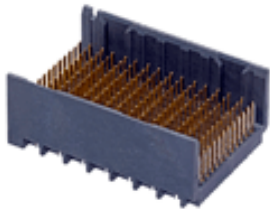
Product Family	Backplane Connectors
Series	170335
Application	Conventional, Mezzanine
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	887191520414

Physical

Circuits (Loaded)	192
Circuits (maximum)	192
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	5.385/g
Number of Columns	16
Number of Pairs	4
Number of Rows	12
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

Electrical

Current - Maximum per Contact	0.75A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

Green Image

ELV

Not Relevant

Search Parts in this Series

[170335](#) Series

Mates With

[170340](#) Impact™ 85 Ohm Plus Right Angle Receptacle, [170390](#) Impact™ 85 Ohm Plus Vertical Mezzanine 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 #
Impact™ Insertion Tool	0621005850
Backplane Header Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	0621009610

Data Rate	25.0 Gbps	Impact™ Backplane <u>0622018826</u>
Impedance	85#	Press-In Tool
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	
Product Specification	PS-170540-999	
Sales Drawing	SD-170335-0001	
Symbol/Footprint Data	SYM-170335-1604	

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