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**Part Number:** [170525-3207](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connectors and Cable Assemblies  
**Description:** Impact™ 85 Ohm Plus 3 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Left Guide, Open Endwall, 12 Columns, 108 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-170540-999 \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<a href="#">170525</a>
Application	Conventional
Component Type	PCB Header
Overview	<a href="#">Impact™ Backplane Connectors and Cable Assemblies</a>
Product Name	Impact™
Style	N/A
UPC	887191405032

**Physical**

Circuits (Loaded)	108
Circuits (maximum)	108
Color - Resin	Gray
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	6.142/g
Number of Columns	10
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

**Electrical**

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85#

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[170525Series](#)

**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	<a href="#">0621009610</a>
Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan Impact™ Backplane	<a href="#">0622018879</a>
Press-In Tool for Impact™ 85 Ohm Vertical Backplane Assembly	

Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-170540-999
Sales Drawing	SD-170525-0002

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