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**Part Number:** [170390-1020](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connector and Cable Assembly System  
**Description:** Impact™ 85 Ohm Plus 4 Pair Mezzanine Receptacle, Stack Height 25.00mm, Unguided, 10 Columns, 120 Circuits, Lead Free

**Documents:**

[3D Model](#) [Application Specification AS-76060-990 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-170540-999 \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<a href="#">170390</a>
Application	Mezzanine
Component Type	PCB Receptacle
Overview	<a href="#">Impact™ Backplane Connector and Cable Assembly System</a>
Product Name	Impact™
Style	N/A
UPC	887191271729

**Physical**

Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
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	10.452/g
Number of Columns	10
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
Data Rate	25.0 Gbps

**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**

[170390Series](#)

**Mates With**

[170335](#) Impact™ 85 Ohm Plus Vertical Header

Impedance	85#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

### **Material Info**

### **Reference - Drawing Numbers**

Application Specification	AS-76060-990
Product Specification	PS-170540-999
Sales Drawing	SD-170390-0001

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