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Part Number: [1705303126](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 85 Ohm Plus 3 Pair Right Angle Daughtercard, Left Guide, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Keying Orientation A, Lead Free](#)

Documents:

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

Agency Certification

UL E29179

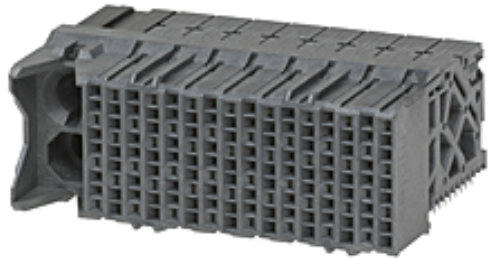
General

Product Family Backplane Connectors
Series [170530](#)
Application Conventional, Coplanar, Daughtercard
Component Type PCB Receptacle
Overview [Impact™ Backplane Connector and Cable Assembly System](#)
Product Name Impact™
UPC 884982748378

Physical

Circuits (Loaded) 144
Circuits (maximum) 144
Color - Resin Gray
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 17.491/g
Number of Columns 16
Number of Pairs 3
Number of Rows 9
Orientation Right Angle
PC Tail Length 1.20mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[170530](#) Series

Mates With

[170525](#) Impact™ 85 Ohm Plus Vertical Header

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 Daughter Card Extraction Tool	0622024300
Impact™ Daughter Card Module Removal Tool	0622024600
Daughter Card Module Installation	0622018650

Current - Maximum per Contact	0.75A	Press-In Tool for 3-Pair by 16-Column Assemblies
Data Rate	25.0 Gbps	
Impedance	85#	
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	
Electrical Model Document	EE-170530-025, EE-170530-040	
Product Specification	PS-170540-999	
S-Parameter Model	SP-170530-0001, SP-170530-0001_40G	
Sales Drawing	SD-170530-0002	
Symbol/Footprint Data	SYM-170530-3126	

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