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Part Number: [170530-1020](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 85 Ohm Plus 3 Pair Right Angle Daughtercard, 1.90 by 1.35mm Pitch, Unguided, 10 Columns, 90 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

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

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [170530](#)
 Application Conventional, Daughtercard
 Component Type PCB Receptacle
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
 Product Name Impact™
 Style N/A
 UPC 884982613416

Physical

Circuits (Loaded) 90
 Circuits (maximum) 90
 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 Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Matte Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 9.185/g
 Number of Columns 10
 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

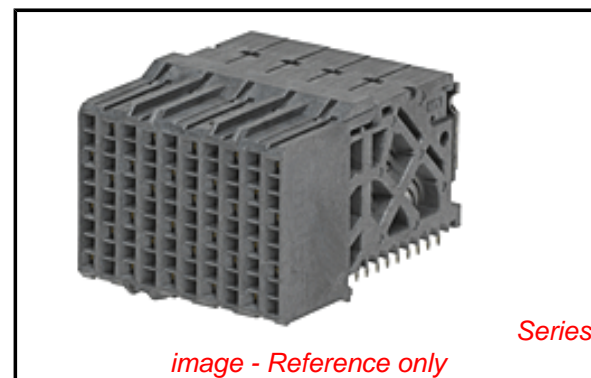


image - Reference only

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
 Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

[170530Series](#)

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 #
Daughter Card	0622018646
Module Installation Press-In Tool for 3-Pair by 10-Column Assemblies	
Impact Daughter Card Extraction Tool	0622024300
Impact™ Daughter Card Module Removal Tool	0622024600

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85#
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-170530-0001
Symbol/Footprint Data	SYM-170530-1020

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