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Part Number: [1705303138](#)
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 85 Ohm Plus 3 Pair, Right Angle Daughtercard, Left Guide, 8 Columns, 72 Circuits, Plated Through Hole Dimension 0.39mm, Polarizing Key Position A, Lead Free

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-591 \(PDF\)](#)
[Product Specification PS-170540-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-76060-990 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [170530](#)
 Application Conventional, Coplanar, Daughtercard
 Application Tooling Documents TM-622018799
 Component Type PCB Receptacle
 Overview [Impact™ Backplane Connector and Cable Assembly System](#)
 Product Name Impact™
 UPC 884982909199

Physical

Circuits (Loaded) 72
 Circuits (maximum) 72
 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 9.834/g
 Number of Columns 8
 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

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 #
Daughter Card	0622018675
Module Installation	
Press-In Tool for 3-Pair by 8-Column Assemblies	

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

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Application Specification	AS-76060-990
Electrical Model Document	EE-170530-025, EE-170530-040
Packaging Specification	PK-70873-591
Product Specification	PS-170540-999
S-Parameter Model	SP-170530-0001, SP-170530-0001_40G
Sales Drawing	SD-170530-0002
Symbol/Footprint Data	SYM-170530-3138

Impact Daughter	<u>0622024300</u>
Card Extraction Tool	
Impact™ Daughter	<u>0622024600</u>
Card Module	
Removal Tool	

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