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Part Number: [1704805022](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 85 Ohm Plus 5 Pair Right Angle Daughtercard, Right Guided, 12 Columns, 180 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

[3D Model](#) [Application Specification AS-76060-990-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-170540-999-001 \(PDF\)](#)

Agency Certification

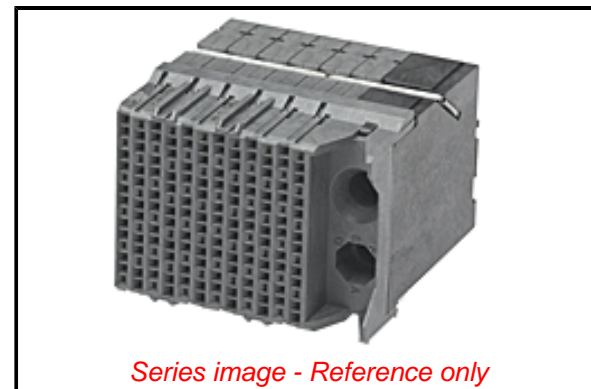
UL E29179

General

Product Family Backplane Connectors
 Series [170480](#)
 Application Conventional, Daughtercard
 Application Tooling Documents TM-622018799
 Component Type PCB Receptacle
 Overview [Impact Backplane Connector and Cable Assembly System](#)
 Product Name Impact
 UPC 884982710887

Physical

Circuits (Loaded) 180
 Circuits (maximum) 180
 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 None
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 27.743/g
 Number of Columns 12
 Number of Pairs 5
 Number of Rows 15
 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/30/2017 (7 July 2017)

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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170480](#) Series

Mates With

[170475](#) Impact 85 Ohm Plus Vertical Header

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85Ω
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-76060-990-001
Electrical Model Document	EE-170480-0001
Product Specification	PS-170540-999-001
S-Parameter Model	SP-170480-0003
Sales Drawing	SD-170480-0004
Symbol/Footprint Data	SYM-170480-5022

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