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Part Number: [1705303026](#)
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, Lead Free

Documents:

3D Model	Application Specification AS-76060-990-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-591-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-170530-3026-001 (PDF)
Product Specification PS-170540-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

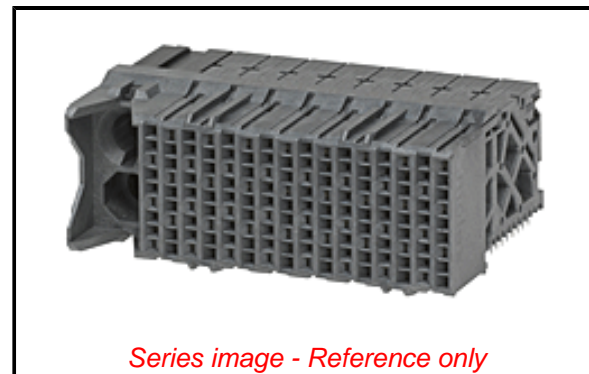
General

Product Family	Backplane Connectors
Series	170530
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Data Rate	25.0 Gbps
Overview	Impact Backplane Connector and Cable Assembly System

Product Name	Impact
Taxonomy	Backplane Connectors
UPC	884982613423

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	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	16.886/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170530 Series](#)

Mates With

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

Temperature Range - Operating -55° to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.75A
Impedance 85Ω
Shield Type N/A
Shielded No
Voltage - Maximum 30V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-76060-990-001
Electrical Model Document EE-170530-025-001, EE-170530-040-001
Packaging Specification PK-70873-591-001
Product Specification PS-170540-999-001
S-Parameter Model SP-170530-0001-001, SP-170530-0001_40G-001
Sales Drawing SD-170530-0002-001
Symbol/Footprint Data SYM-170530-3026-001

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