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Part Number: 1705303022

Status: Active

Overview: Impact Backplane Connector and Cable Assembly System

Description: Impact 85 Ohm Plus 3 Pair Right-Angle Daughtercard, Left Guide, 12 Columns, 108 Circuits. Plated Through Hole Dimension 0.39mm. Lead Free

Documents:

3D Model

Application Specification AS-76060-990-001 (PDF)

Drawing (PDF)

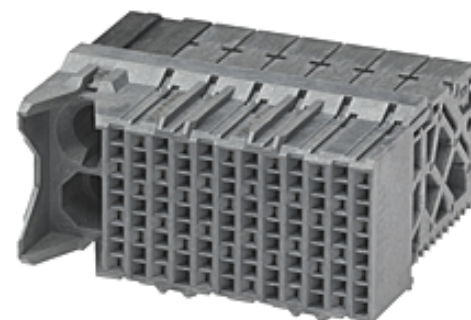
Packaging Specification PK-70873-591-001 (PDF)

3D Model (PDF)

Symbol Footprint Data SYM-170530-3022-001 (PDF)

Product Specification PS-170540-999-001 (PDF)

[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

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
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	887191376974

Physical

Circuits (Loaded)	108
Circuits (maximum)	108
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	13.053/g
Number of Columns	12
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° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant
REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

170530 Series

Mates With

170525 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-freeProcess Capability	N/A
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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-170530-3022-001

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