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Part Number: [1705403020](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 85 Ohm Plus 6 Pair Right-Angle Daughtercard, Left Guided, 10 Columns, 180 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-70873-589-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-170540-3020-001 (PDF)
Product Specification PS-170540-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	170540
Application	Conventional, Daughtercard
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	887191340968

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	29.001/g
Number of Columns	10
Number of Pairs	6
Number of Rows	18
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
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Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[170540](#) Series

Mates With

[170535](#) 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-170540-001-001, EE-170540-001_25G-001
Packaging Specification	PK-70873-589-001
Product Specification	PS-170540-999-001
S-Parameter Model	SP-170540-0001_25G-001, SP-170540-0001_40G20MSTEP
Sales Drawing	SD-170540-0002-001, SD-173120-0002-001
Symbol/Footprint Data	SYM-170540-3020-001

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