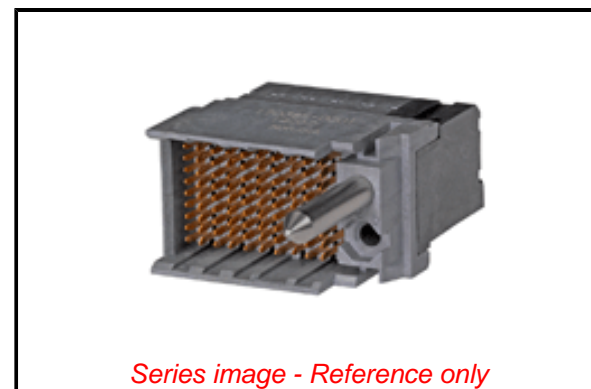


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Part Number: [1705109807](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 85 Ohm Plus 3 Pair, RAM Signal Module, Right Guided, Open Endwalls, 8 Columns, 72 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

Drawing (PDF)	Packaging Specification PK-70873-041-001 (PDF)
Product Specification PS-170540-999-001 (PDF)	Symbol Footprint Data SYM-170510-9807-001 (PDF)
Application Specification AS-76060-990-001 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	170510
Application	Coplanar
Application Tooling Documents	TM-622018799-001
Component Type	Right Angle Male
Electrical Model	Yes
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	887191401706

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	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	12.400/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° to +85°C

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170510 Series](#)

Mates With

[170340](#) Impact 85 Ohm Plus Right Angle Daughtercard

Termination Interface: Style Through Hole - Compliant Pin

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-170510-0001-001
Packaging Specification	PK-70873-041-001
Product Specification	PS-170540-999-001
S-Parameter Model	SP-170510-0001-001
Sales Drawing	SD-170510-0004-001
Symbol/Footprint Data	SYM-170510-9807-001

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