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Part Number: 1704759207

Status: **Active**

Overview: Impact Backplane Connector and Cable Assembly System

Description: Impact 85 Ohm Plus 5 Pair Vertical Backplane Header, Right Guide with Endwall, 12 Columns, 180 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

Drawing (PDF)

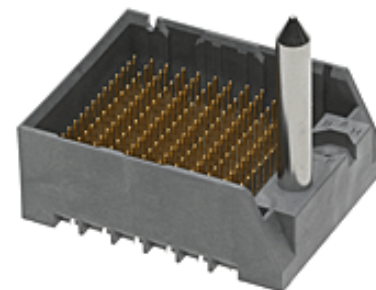
Product Specification PS-170540-999-001 (PDF)

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

Packaging Specification PK-70873-759-001 (PDF)

Symbol Footprint Data SYM-170475-9207-001 (PDF)

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



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	<u>170475</u>
Application	Conventional
Application Tooling Documents	TM-622018799-001
Component Type	PCB Header
Overview	<u>Impact Backplane Connector and Cable Assembly System</u>
Product Name	Impact
UPC	884982897441

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	8.705/g
Number of Columns	12
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.40mm
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

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

170475 Series

Mates With

170480 Impact 85 Ohm Plus Right Angle
Receptacle

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
Packaging Specification	PK-70873-759-001
Product Specification	PS-170540-999-001
Sales Drawing	SD-170475-0003-001
Symbol/Footprint Data	SYM-170475-9207-001

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