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Part Number: [1710659107](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 85 Ohm Plus 2 Pair Vertical Backplane Header, Right Guided, Left Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

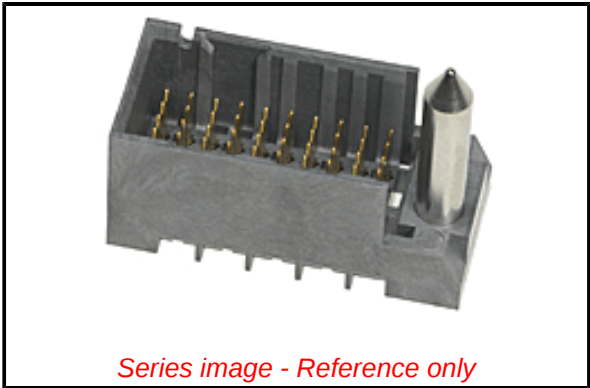
Documents:
[3D Model](#) [Application Specification AS-76060-990-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-761-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Symbol Footprint Data SYM-171065-9107-001 \(PDF\)](#)
[Product Specification PS-170540-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Backplane Connectors
Series [171065](#)
Application Conventional, Mezzanine
Application Tooling Documents TM-622018799-001
Component Type PCB Header
Overview [Impact Backplane Connector and Cable Assembly System](#)

Product Name Impact
UPC 887191141893

Physical
Circuits (Loaded) 60
Circuits (maximum) 60
Color - Resin Gray
Durability (mating cycles max) 200
First Mate / Last Break No
Guide to Mating Part Yes
Keying to Mating Part None
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Matte Tin
Material - Resin High Temperature Thermoplastic
Net Weight 4.540/g
Number of Columns 10
Number of Pairs 2
Number of Rows 6
Orientation Vertical
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

Electrical
Current - Maximum per Contact 0.75A



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[171065](#) Series

Mates With
[171070](#) Impact

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
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990-001
Packaging Specification	PK-70873-761-001
Product Specification	PS-170540-999-001
Sales Drawing	SD-171065-0003-001
Symbol/Footprint Data	SYM-171065-9107-001

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