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Part Number: [1703359407](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 85 Ohm Plus 4 Pair Vertical Header, Right Guide, Left End Wall, 14 Columns, 168 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:
[3D Model \(PDF\)](#) [Application Specification AS-76060-990-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-757-001 \(PDF\)](#)
[3D Model](#) [Symbol Footprint Data SYM-170335-9407-001 \(PDF\)](#)
[Product Specification PS-170540-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	170335
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	884982960169
Physical	
Circuits (Loaded)	168
Circuits (maximum)	168
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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.215/g
Number of Columns	14
Number of Pairs	4
Number of Rows	12
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

Electrical	
Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps



Series image - Reference only

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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[170335](#) Series

Mates With
[170340](#) Impact 85 Ohm Plus Right Angle Receptacle, [170390](#) Impact 85 Ohm Plus Vertical Mezzanine Receptacle

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-70873-757-001
Product Specification	PS-170540-999-001
Sales Drawing	SD-170335-0003-001
Symbol/Footprint Data	SYM-170335-9407-001

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