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Part Number:

1703357905

Status:

Active

Overview:

Description:

Impact 85 Ohm Plus 4 Pair Vertical Header, Left Guide, Right End Wall, 18 Columns, 216 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

General	
Product Family	Backplane Connectors
Series	170335
Application	Conventional, Mezzanine
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	impact_backplane_connector_system
Product Name	Impact
UPC	884982912380
Physical	
Circuits (Loaded)	216
Circuits (maximum)	216
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	9.417/g
Number of Columns	18
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
Impedance	85Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

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

170335 Series

Mates With

170340 Impact 85 Ohm Plus Right Angle Receptacle, 170390 Impact 85 Ohm Plus Vertical Mezzanine Receptacle

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Impact Insertion Tool	621005850
Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	621009610

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-170335-7903-001
Symbol/Footprint Data	SYM-170335-7905

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