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Part Number:

1703401038

Status:

Active

Overview:

Description:

Impact 85 Ohm Plus 4 Pair, Right-Angle Daughtercard, Unguided, 8 Columns, 96 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	170340
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Overview	impact_backplane_connector_system
Product Name	Impact
UPC	887191147987
Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
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	10.593/g
Number of Columns	8
Number of Pairs	4
Number of Rows	12
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
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

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

170340 Series

Mates With

170335 Impact 85 Ohm Plus Vertical Header

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990-001
Electrical Model Document	EE-170340-001-001
Packaging Specification	PK-70873-610-001
Product Specification	PS-170540-999-001
S-Parameter Model	SP-170340-001-001
Sales Drawing	SD-170340-0001-001, SD-173137-0001-001
Symbol/Footprint Data	SYM-170340-1038-001

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