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Part Number:

1703351107

Status:

Active

Overview:

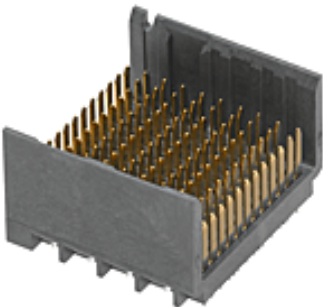
Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 85 Ohm Plus 4 Pair Vertical Header, Unguided, Open Walls, 10 Columns, 120 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:	
Drawing (PDF)	Application Specification AS-76060-990 (PDF)
Product Specification PS-170540-999 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	170335
Application	Conventional, Mezzanine
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	887191182100
Physical	
Circuits (Loaded)	120
Circuits (maximum)	120
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	3.431/g
Number of Columns	10
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°C 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

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

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 #
Backplane Press-In Tool	0622018790
Impact™ Insertion Tool	0621005850
Backplane Header Removal Tool for	0621009610

Data Rate	25.0 Gbps	GbX-U™, I-Trac™, Impact™, or TinMan
Impedance	85#	
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	
Product Specification	PS-170540-999	
Sales Drawing	SD-170335-0001	
Symbol/Footprint Data	SYM-170335-1107	

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