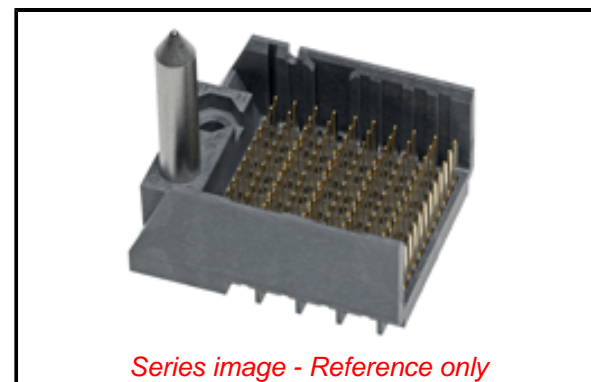


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1703353106](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 85 Ohm Plus 4 Pair Vertical Header, Left Guide, Open End Walls, 10 Columns, 120 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-757-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-170335-3106-001 (PDF)
Product Specification PS-170540-999-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

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	884982776333

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	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	6.784/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° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

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

ELV

RoHS Phthalates

China RoHS

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

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-free Process 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-170335-0002-001
Symbol/Footprint Data	SYM-170335-3106-001

This document was generated on 09/27/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [High Speed/Modular Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[650827-1](#) [74040-1346](#) [1410191-1](#) [1410337-1](#) [1410368-3](#) [1410964-2](#) [1410326-3](#) [1410367-3](#) [1410971-4](#) [1467833-1](#) [2000877-1](#) [2000878-1](#)
[2041314-1](#) [2065387-1](#) [2187307-1](#) [163P](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [22354-8](#) [437-5040-000](#) [5-](#)
[1393565-0](#) [039-0246-000](#) [0740618502](#) [0761601016](#) [0784461022](#) [10123159-12ELF](#) [030-2415-003/100 PK](#) [030-7380-004](#) [030-2494-001](#)
[532939-1](#) [5532901-3](#) [3-1469268-7](#) [74748-102LF](#) [73670-0247](#) [10041743-101LF](#) [10066670-100002LF](#) [1-533915-1](#) [249-4515-000](#) [7-1469373-](#)
[3](#) [DL2-2J/S](#) [2000713-8](#) [2000713-7](#) [10124313-101LF](#) [3011-21](#) [757105208](#) [EBTF-4-10-2.0-S-RA-1](#)