



molex 1703351804 85 Ohm Plus 4 Pair Vertical Header Owner's Manual

[Home](#) » [molex](#) » molex 1703351804 85 Ohm Plus 4 Pair Vertical Header Owner's Manual 

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Contents

- [1 1703351804 85 Ohm Plus 4 Pair Vertical Header](#)
- [2 Documents & Resources](#)
- [3 Product Environment Compliance](#)
- [4 Part Details](#)
- [5 Mates With / Use With](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)

1703351804 85 Ohm Plus 4 Pair Vertical Header

Part Number : 1703351804

Product Description : Impact 85 Ohm Plus 4 Pair Vertical Header, Unguided, Open End Walls, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Series Number : 170335

Status : Active

Product Category : Backplane Connectors

Documents & Resources

Drawings

1703351804_sd.pdf

PK-70873-7701-001.pdf

3D Models and Design Files

1703351804_stp.zip

SYM-170335-1804-001.zip

Specifications


AS-76060-990-001.pdf

PS-170540-999-001.pdf

PS-45499-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Backplane Connectors
Series	170335
Description	Impact 85 Ohm Plus 4 Pair Vertical Header, Unguided, Open End Walls, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free
Application	Conventional, Mezzanine
Component Type	PCB Header
Product Name	Impact
UPC	884982375567

Agency

UL	E29179
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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

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	2.736/g
Number of Columns	8
Number of Pairs	4
Number of Rows	12
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	1.40mm

PCB Locator	No
PCB Retention	None
PCB Thickness – Recommended	1.00mm
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
Temperature Range – Operating	-55° to +85°C
Termination Interface Style	Through Hole – Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

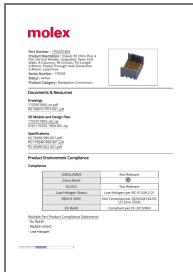
Mates with Part(s)

Description	Part Number
Impact 85 Ohm Plus 4 Pair Right- Angle Daughtercards	170340
Impact 85 Ohm Plus 4 Pair Mezzanine Receptacles	170390

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Documents / Resources



[molex 1703351804 85 Ohm Plus 4 Pair Vertical Header](#) [pdf] Owner's Manual
1703351804 85 Ohm Plus 4 Pair Vertical Header, 1703351804, 85 Ohm Plus 4 Pair Vertical Header, 4 Pair Vertical Header, Vertical Header, Header

References

- [User Manual](#)

Manuals+, [Privacy Policy](#)

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