



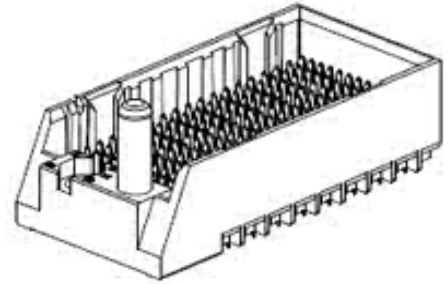
**Part Number :** [1703357905](#)

**Product 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

**Series Number :** 170335

**Status :** Active

**Product Category :** Backplane Connectors



---

## Documents and Resources

### Drawings

[1703357905 sd.pdf](#)

[PK-70873-757-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[SYM-170335-7905-001.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	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

## Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

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

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

---

# Part Details

## General

Status	Active
Category	Backplane Connectors
Series	170335
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
Application	Conventional, Mezzanine
Component Type	PCB Header
Product Name	Impact
UPC	884982912380

## Agency

UL	E29179
----	--------

## Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85Ω

Shielded	No
Shield Type	N/A
Voltage - Maximum	30V AC (RMS)/DC

## 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	No
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
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.40mm
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
------------------------------	-----

---

## Mates With / Use With

### Mates with Part(s)

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

---

## Application Tooling

---

This document was generated on Apr 21, 2026