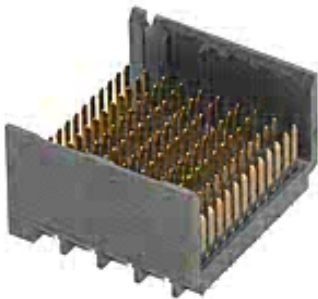




**Part Number :** [1703351108](#)  
**Product Description :** Impact 85 Ohm Plus 4 Pair  
Vertical Header, Unguided, Open End Walls, 10  
Columns, 120 Circuits, Pin Length 5.50mm, Plated  
Through Hole Dimension 0.39mm, Lead-Free  
**Series Number :** 170335  
**Status :** Active  
**Product Category :** Backplane Connectors



## Documents & Resources

### Drawings

- [1703351108 sd.pdf](#)
- [PK-70873-7701-001.pdf](#)

### 3D Models and Design Files


- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)
- [SYM-170335-1108-001.zip](#)

### Specifications

- [AS-76060-990-001.pdf](#)
- [PS-170540-999-001.pdf](#)
- [PS-45499-002-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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, Unguided, Open End Walls, 10 Columns, 120 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free
Application	Conventional, Mezzanine
Component Type	PCB Header
Product Name	Impact
UPC	887191319865

### 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)	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
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
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**