



**Part Number :** [1703401024](#)

**Product Description :** Impact 85 Ohm Plus 4 Pair, Right-Angle Daughtercard, Unguided, 14 Columns, 168 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

**Series Number :** 170340

**Status :** Active

**Product Category :** Backplane Connectors



---

## Documents and Resources

### Drawings

[1703401024 sd.pdf](#)

[PK-70873-610-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[SYM-170340-1024-001.zip](#)

[EE-170340-001-001.pdf](#)

[SP-170340-001-001.zip](#)

### Specifications


[AS-76060-990-001.pdf](#)

[PS-170540-999-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)

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	170340
Description	Impact 85 Ohm Plus 4 Pair, Right-Angle Daughtercard, Unguided, 14 Columns, 168 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free
Application	Conventional, Coplanar, Daughtercard
Component Type	PCB Receptacle
Product Name	Impact
UPC	887191147963

### 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)	168
Circuits (maximum)	168
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	18.344/g
Number of Columns	14
Number of Pairs	4
Number of Rows	12
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.20mm
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 Vertical Headers	<u>170335</u>

---

### Application Tooling

---

This document was generated on Feb 27, 2026