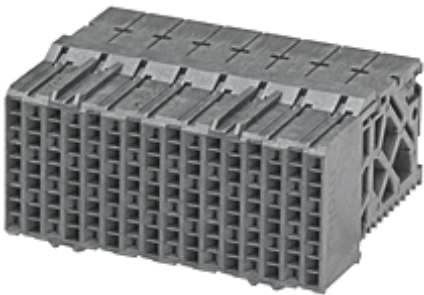




Part Number : [1705301026](#)
Product Description : Impact 85 Ohm Plus 3
Pair Right-Angle Daughtercard, Unguided, 16
Columns, 144 Circuits, Plated Through Hole
Dimension 0.39mm, Lead Free
Series Number : 170530
Status : Active
Product Category : Backplane Connectors



Documents & Resources

Drawings

[1705301026_sd.pdf](#)
[PK-70873-591-001.pdf](#)

3D Models and Design Files

[1705301026_stp.zip](#)
[EE-170530-025-001.pdf](#)
[EE-170530-040-001.pdf](#)
[SP-170530-0001-001.zip](#)
[SP-170530-0001_40G-001.zip](#)
[SYM-170530-1026-001.zip](#)

Specifications

[AS-76060-990-001.pdf](#)
[PS-170540-999-001.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)6225-DC (07 Nov 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	170530
Description	Impact 85 Ohm Plus 3 Pair Right-Angle Daughtercard, Unguided, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free
Application	Conventional, Coplanar, Daughtercard
Component Type	PCB Receptacle
Product Name	Impact
UPC	887191142814

Agency

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

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)	144
Circuits (maximum)	144
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	14.362/g
Number of Columns	16
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	1.20mm
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
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
Impact 85 Ohm Plus 3 Pair Vertical Backplane Headers	<u>170525</u>