

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0783492001](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 4 Pair, Right-Angle Power Header, Right Hold-Down, Module 1: Blade P1 & P2, Length 6.90mm; Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Documents:

Drawing (PDF)	Application Specification AS-76060-9997-001 (PDF)
3D Model	Packaging Specification PK-78349-001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-78349-2001-001 (PDF)
Product Specification PS-78213-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	78349
Application	Conventional, Coplanar
Application Tooling Documents	TM-622018799-001
Component Type	Power Header
Data Rate	N/A
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
Taxonomy	Backplane Connectors
UPC	883906169824

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
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	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.673/g
Number of Columns	N/A
Number of Pairs	4
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	5.20mm
Pitch - Termination Interface	2.00mm, 3.20mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to PCB	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[78349 Series](#)

Mates With

[78214](#) Impact Vertical Receptacle, [78350](#) Right Angle Receptacle

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	20.0A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info**Reference - Drawing Numbers**

Application Specification	AS-76060-9997-001
Packaging Specification	PK-78349-001-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78349-001-001
Symbol/Footprint Data	SYM-78349-2001-001

This document was generated on 03/28/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION