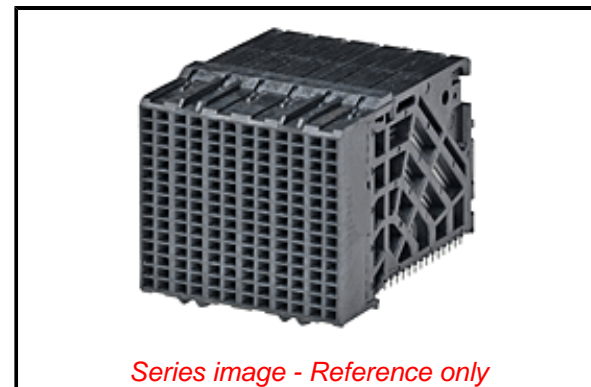


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Part Number: [0769901022](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 100 Ohm 5 Pair Right Angle Orthogonal Daughtercard, Unguided, 12 Columns, 180 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model	Application Specification AS-76850-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-611 (PDF)
Product Specification PS-76060-999-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-9999-001 (PDF)	



Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	76990
Application	Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982489387

Physical

Circuits (Loaded)	180
Circuits (maximum)	180
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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	20.986/g
Number of Columns	12
Number of Pairs	5
Number of Rows	15
Orientation	Right Angle
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.90mm, 2.15mm
Pitch - Termination Interface	1.90mm, 2.15mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[76990](#) Series

Mates With

[76985](#) Impact 100 Ohm Backplane Header

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

0.75A

Data Rate

25.0 Gbps

Impedance

100Ω

Shield Type

N/A

Shielded

No

Voltage - Maximum

30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-76060-9999-001, AS-76850-990-001

Electrical Model Document

EE-76990-049, EE-76990-055

Packaging Specification

PK-70873-611

Product Specification

PS-76060-999-001

S-Parameter Model

SP-76990-049, SP-76990-055

Sales Drawing

SD-76990-001

Symbol/Footprint Data

SYM-76990-1022

This document was generated on 03/01/2018

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