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Part Number: 0769905022

Status: Active

Overview: Impact Backplane Connector and Cable Assembly System

Description: Impact 100 Ohm 5 Pair Right Angle Orthogonal Daughtercard, Right Guide, 12 Columns, 180 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-76060-999-001 \(PDF\)](#)

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 884982269224

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 Yes

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 23.931/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 Yes

Stackable No

Surface Mount Compatible (SMC) No

Temperature Range - Operating -55°C to +85°C

Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

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

Electrical Model Document	EE-76990-049, EE-76990-055
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76990-049, SP-76990-055
Sales Drawing	SD-76990-004
Symbol/Footprint Data	SYM-76990-5022

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