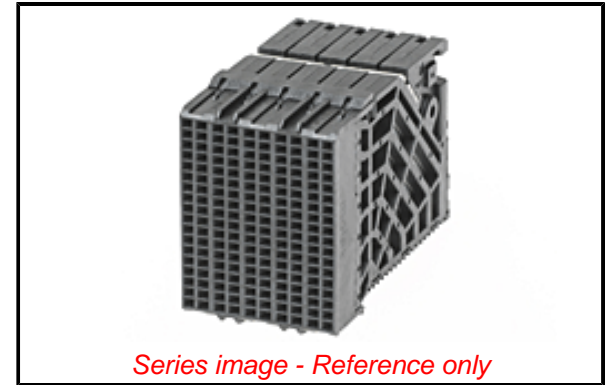


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0762901020**
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 100 Ohm 6 Pair Right Angle Orthogonal Daughtercard, Unguided, 10 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-70873-589 (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	<u>76290</u>
Application	Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Overview	<u>Impact Backplane Connector and Cable Assembly System</u>
Product Name	Impact
UPC	884982489394

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	21.098/g
Number of Columns	10
Number of Pairs	6
Number of Rows	18
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

[76290](#) Series

Mates With

[76285](#) 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-76290-049, EE-76290-055

Packaging Specification

PK-70873-589

Product Specification

PS-76060-999-001

S-Parameter Model

SP-76290-049, SP-76290-055

Sales Drawing

SD-76290-001

Symbol/Footprint Data

SYM-76290-1020

This document was generated on 02/28/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [DIN 41612 Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[09231126901](#) [PCN10F-24P-2.54DS\(72\)](#) [004.767](#) [02221602702](#) [024069](#) [602427301412000](#) [013275](#) [691327-1](#) [74670-0732](#) [74680-0340](#)
[75880-0015](#) [76453-0014](#) [86093159ALF](#) [923454](#) [QLC260R](#) [120X10099X](#) [120X10019X](#) [120X10089X](#) [120X10129X](#) [121A10039X](#)
[121A10309X](#) [122A10019X](#) [122A10029X](#) [122A10249X](#) [122A10669X](#) [122A11089X](#) [122A13089X](#) [121B10409X](#) [122A10089X](#)
[122A10129X](#) [122A10349X](#) [122A13359X](#) [1377391-4](#) [DIN-048CPC-SR1-MH](#) [1393583-2](#) [1393726-7](#) [140X10059X](#) [140X10129X](#) [143-1913-](#)
[000](#) [143-1908-000](#) [1484472-1](#) [173052](#) [2110070-1](#) [2110070-2](#) [CBC20T00-008FDS5-0-1-002VR](#) [983-0SE12-12P6](#) [17041102202](#) [172699-](#)
[5036](#) [173051](#) [20 8457096 010 025](#)