

**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:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76850-990-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-70873-589-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Symbol Footprint Data SYM-76290-1020-001 (PDF)</a>
<a href="#">Product Specification PS-76060-999-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76060-9999-001 (PDF)</a>	

**Agency Certification**

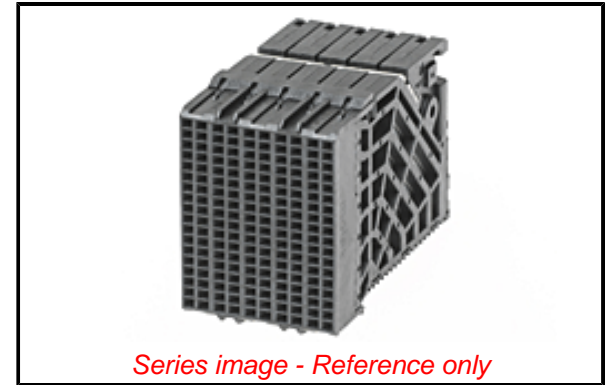
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**General**

Product Family	Backplane Connectors
Series	<u>76290</u>
Application	Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Data Rate	25.0 Gbps
Overview	<u>Impact Backplane Connector and Cable Assembly System</u>
Product Name	Impact
Taxonomy	Backplane Connectors
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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[76290](#) Series

**Mates With**

[76285](#) Impact 100 Ohm Backplane Header

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	0.75A
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-76290-049-001, EE-76290-055-001
Packaging Specification	PK-70873-589-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76290-049-001, SP-76290-055-001
Sales Drawing	SD-76290-001-001
Symbol/Footprint Data	SYM-76290-1020-001

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