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Part Number: [0761703136](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Left Guided,6 Columns, 54 Circuits, Plated Through Hole Dimension 0.39mm, Polarizing Key Position A, Lead Free

Documents:

- | | |
|--|---|
| Drawing (PDF) | Application Specification AS-76060-9999-001 (PDF) |
| Product Specification PS-76060-999-001 (PDF) | Packaging Specification PK-70873-591 (PDF) |
| Product Specification TS-76170-0001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-76060-990-001 (PDF) | |

General

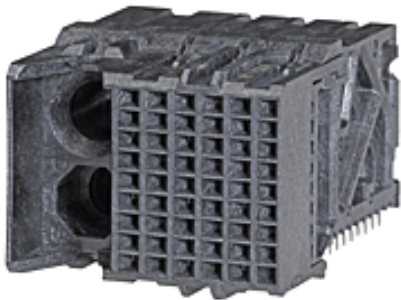
Product Family	Backplane Connectors
Series	76170
Application	Daughtercard
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
Style	N/A
UPC	889056051927

Physical

Circuits (Loaded)	54
Circuits (maximum)	54
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.411/g
Number of Columns	6
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

**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

[76170 Series](#)

Mates With

[76165](#) Impact™ 100 Ohm Vertical Header,
[76410](#) Impact™ Right Angle Header

Impedance	100Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990-001, AS-76060-9999-001
Electrical Model Document	EE-76170-003
Packaging Specification	PK-70873-591
Product Specification	PS-76060-999-001, TS-76170-0001-001
S-Parameter Model	SP-76170-003
Sales Drawing	SD-76170-002
Symbol/Footprint Data	SYM-76170-3038

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