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Part Number: [0761505014](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 100 Ohm 6 Pair Right Angle Daughtercard Receptacle, Right Guided, 14 Columns, 252 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free](#)

Documents:

3D Model	Application Specification AS-76060-9999 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-589 (PDF)
Product Specification PS-76060-999 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-990 (PDF)	

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	76150
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	884982135284

Physical

Circuits (Loaded)	252
Circuits (maximum)	252
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	36.960/g
Number of Columns	14
Number of Pairs	6
Number of Rows	18
Orientation	Right Angle
PC Tail Length	1.20mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[76150](#) Series

Mates With

[76145 Impact™ 100 Ohm Vertical
Backplane Header](#)

Application Tooling | FAQ

*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

Description	Product #
Press-In Tool for 6- Pair by 14-Column Backplane	0622018698
Impact Daughter Card Extraction Tool	0622024300

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990, AS-76060-9999
Electrical Model Document	EE-76150-001, EE-76560-0001
Packaging Specification	PK-70873-589
Product Specification	PS-76060-999
S-Parameter Model	SP-76150-001, SP-76560-0001
Sales Drawing	SD-76150-004
Symbol/Footprint Data	SYM-76150-5014

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