This document was generated on 11/15/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0761605006
Status: Active
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 100 Ohm 4 Pair Right Angle Daughtercard Receptacle, Right Guided, 6 Columns, 72 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-76060-999-001 (PDF)
- Product Specification TS-76160-0001-001 (PDF)
- Application Specification AS-76060-990-001 (PDF)
- Application Specification AS-76060-9999-001 (PDF)
- Packaging Specification PK-70873-610 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76160
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	884982776869
Physical	
Circuits (Loaded)	72
Circuits (maximum)	72
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	10.480/g
Number of Columns	6
Number of Pairs	4
Number of Rows	12
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
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

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ED/21/2016 (20 June 2016)

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
76160 Series

Mates With
76155 Impact™ 100 Ohm Vertical Header,
76500 Impact™ 100 Ohm Right Angle Male 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 #
Insertion Tool for Daughter Card, 4-Pair by 6-Column Assemblies	0622018748

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
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-76160-003
Packaging Specification	PK-70873-610
Product Specification	PS-76060-999-001, TS-76160-0001-001
S-Parameter Model	SP-76160-003
Sales Drawing	SD-76160-004
Symbol/Footprint Data	SYM-76160-5006

This document was generated on 11/15/2016
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION