

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0761605126
Status: Active
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 100 Ohm 4 Pair Right Angle Daughtercard Receptacle, Right Guided, 16 Columns, 192 Circuits, Plated Through Hole Dimension 0.39mm, Polarizing Key Position A, Lead-Free

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 883906694012

Physical
Circuits (Loaded) 192
Circuits (maximum) 192
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 Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 22.366/g
Number of Columns 16
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



Series image - Reference only

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

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
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-76160-5126

This document was generated on 02/10/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION