

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0761705110

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Right Guided, 10 Columns, 90 Circuits, Plated Through Hole Dimension 0.46mm, Key Orientation A, Lead-Free

Documents:

3D Model

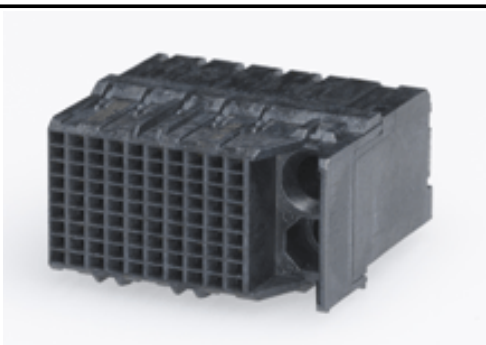
Drawing (PDF)

Product Specification PS-76060-999 (PDF)

Application Specification AS-76060-990 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
General		
Product Family		Backplane Connectors
Series		76170
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		883906514648
Physical		
Circuits (Loaded)		90
Circuits (maximum)		90
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		11.062/g
Number of Columns		10
Number of Pairs		3
Number of Rows		9
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		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

China RoHS

REACH SVHC

Contains SVHC(2014

December 17): No

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

Search Parts in this Series

76170 Series

Mates With

76165 Impact™ 100 Ohm Vertical Header,

76410 Impact™ 100 Ohm Right Angle 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 #
Daughter Card	0622018646
Module Installation	
Press-In Tool for 3-Pair by 10-Column Assemblies	

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

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990
Electrical Model Document	EE-76170-0001, EE-76170-003
Product Specification	PS-76060-999
S-Parameter Model	SP-76170-003
Sales Drawing	SD-76170-004
Symbol/Footprint Data	SYM-76170-5110

Impact Daughter	0622024300
Card Extraction Tool	
Impact™ Daughter	0622024600
Card Module	
Removal Tool	

This document was generated on 07/02/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION