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Part Number:

0761701006

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Unguided, 6 Columns, 54 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-9999 (PDF)

Drawing (PDF)

Packaging Specification PK-70873-591 (PDF)

Product Specification PS-76060-999 (PDF)

Test Summary TS-76170-0001 (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

884982365544

Physical

Circuits (Loaded)

54

Circuits (maximum)

54

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

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

4.442/g

Number of Columns

6

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

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

China 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

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

Use With

76153 Pirate Cannon Wide Guide Module

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 #

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-76170-003
Packaging Specification	PK-70873-591
Product Specification	PS-76060-999
S-Parameter Model	SP-76170-003
Sales Drawing	SD-76170-001
Symbol/Footprint Data	SYM-76170-1006
Test Summary	TS-76170-0001

Daughter Card	<u>0622018780</u>
Module Installation	
Press-In Tool	
Impact™ Daughter Card Module	<u>0622024600</u>
Removal Tool	

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