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Part Number:

0761705126

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Right Guided, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Polarizing Key Position A, Lead-Free

Documents:

3D Model

Application Specification AS-76060-990-001 (PDF)

Drawing (PDF)

Application Specification AS-76060-9999-001 (PDF)

Product Specification PS-76060-999-001 (PDF)

Packaging Specification PK-70873-591 (PDF)

Product Specification TS-76170-0001-001 (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

884982299160

Physical

Circuits (Loaded)

144

Circuits (maximum)

144

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

15.703/g

Number of Columns

16

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



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

China RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

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	0622018650
Module Installation	
Press-In Tool for 3-Pair by 16-Column Assemblies	

Termination Interface: Style	Through Hole - Compliant Pin	Impact Daughter <u>0622024300</u>
Electrical		Card Extraction Tool
Current - Maximum per Contact	0.75A	Impact™ Daughter <u>0622024600</u>
Data Rate	25.0 Gbps	Card Module
Impedance	100Ω	Removal Tool
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990-001, AS-76060-9999-001	
Electrical Model Document	EE-76170-003	
Packaging Specification	PK-70873-591	
Product Specification	PS-76060-999-001, TS-76170-0001-001	
S-Parameter Model	SP-76170-003	
Sales Drawing	SD-76170-004	
Symbol/Footprint Data	SYM-76170-5126	

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