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Part Number:

76150-5120

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 6 Pair Right Angle Daughtercard Receptacle, Right Guided, 10 Columns, 180 Circuits, Plated Through Hole Dimension 0.39mm, Polarization Key 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

Series

Application

Application Tooling Documents

Component Type

Electrical Model

Overview

Product Name

UPC

Backplane Connectors

76150

Conventional, Coplanar, Daughtercard

TM-622018799

PCB Receptacle

Yes

Impact™ Backplane Connector and Cable Assembly System

Impact™

883906689520

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

180

180

Black

200

No

94V-0

Yes

Yes

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

27.492/g

10

6

18

Right Angle

1.20mm

No

Yes

1.00mm

Tray

1.90mm

1.90mm

0.762µm

Yes

-55°C to +85°C

Through Hole - Compliant Pin



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

76150Series

Mates With

76145 Impact™ 100 Ohm Vertical Backplane 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 #

Impact Daughter

0622024300

Card Extraction Tool

Daughter Card

0622018661

Signal Module

Assembly Press-In

Tool for 6-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

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990
Electrical Model Document	EE-76150-001, EE-76560-0001
Product Specification	PS-76060-999
S-Parameter Model	SP-76150-001, SP-76560-0001
Sales Drawing	RSD-76150-004, SD-76150-004
Symbol/Footprint Data	SYM-76150-5120

This document was generated on 06/04/2015

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