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Part Number:

76160-1008

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 4 Pair Right Angle Daughtercard Receptacle, 1.90 by 1.35mm Pitch, Unguided, 8 Columns, 96 Circuits, Plated Through Hole Dimension 0.46mm, 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

Style

UPC

Backplane Connectors

76160

Conventional, Coplanar, Daughtercard

TM-622018799

PCB Receptacle

Yes

Impact™ Backplane Connectors and Cable Assemblies

Impact™

N/A

884982215252

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

Stackable

Temperature Range - Operating

96

96

Black

200

No

94V-0

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

9.342/g

8

4

12

Right Angle

1.20mm

No

None

1.00mm

Tray

1.90mm

1.90mm

0.762µm

No

Yes

-55°C to +85°C



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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

76160Series

Mates With

76155 Impact™ 100 Ohm Vertical Header,

76500 Impact™ 100 Ohm Right Angle Male 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 #
Press-In Tool for Daughter Card Module	0622018677
Impact Daughter Card Extraction Tool	0622024300

Termination Interface: Style

Through Hole - Compliant Pin

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-76160-001

Product Specification

PS-76060-999

S-Parameter Model

SP-76160-001

Sales Drawing

SD-76160-001

Symbol/Footprint Data

SYM-76160-1008

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