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Part Number:

1704151922

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 3 Pair Mezzanine Receptacle, Unguided, 22.00mm Stack Height, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

Packaging Specification PK-70873-0051 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Electrical Model

Overview

Product Name

UPC

Backplane Connectors

170415

Mezzanine

TM-622018799

PCB Receptacle

Yes

Impact Backplane Connector and Cable Assembly System

Impact

887191006215

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

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

Termination Interface: Style

144

144

Black

200

No

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

32.185/g

16

3

9

Vertical

1.20mm

No

None

1.00mm

Tray

1.90mm

1.90mm

0.762µm

No

Yes

-55°C to +85°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Data Rate

Impedance

0.75A

25.0 Gbps

100Ω



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2018 (15

January 2018)

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

RoHS Phthalates

Not Contained

Search Parts in this Series

170415 Series

Mates With

76165 Impact 100 Ohm 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 #

Press-In Tool for

Impact Signal

Module Assembly

0622018856

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-76060-990-001
Electrical Model Document	EE-170415-029, EE-170415-221
Packaging Specification	PK-70873-0051
S-Parameter Model	SP-170415-029, SP-170415-181, SP-170415-221
Sales Drawing	SD-170415-001
Symbol/Footprint Data	SYM-170415-1922

This document was generated on 02/27/2018

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