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Part Number:

1704751107

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 85 Ohm Plus 5 Pair Vertical Backplane Header, Unguided, Open Endwalls, 10 Columns, 150 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

Drawing (PDF)

Product Specification PS-170540-999 (PDF)

Application Specification AS-76060-990 (PDF)

Packaging Specification PK-70873-7702 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Overview

Backplane Connectors

170475

Conventional

TM-622018799

PCB Header

Impact™ Backplane Connector and Cable Assembly System

Product Name

UPC

Impact™

887191386294

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

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

150

150

Gray

200

No

94V-0

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

4.006/g

10

5

15

Vertical

1.40mm

No

None

1.00mm

Tray

1.35mm, 1.90mm

1.35mm, 1.90mm

0.762µm

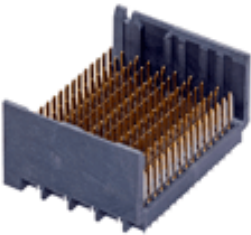
No

No

No

-55°C to +85°C

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

170475 Series

Mates With

170480 Impact™ 85 Ohm Plus Right Angle

Receptacle

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 #

Backplane Header

Removal Tool for

GbX® U-Series, GbX

I-Trac™, Impact™,

or Z-PACK Tinman*

0621009610

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990
Packaging Specification	PK-70873-7702
Product Specification	PS-170540-999
Sales Drawing	SD-170475-0001
Symbol/Footprint Data	SYM-170475-1107

Impact™ Insertion Tool	<u>0621005850</u>
Impact™ 85 Ohm Backplane Press-In Tool	<u>0622018821</u>

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