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Part Number:

0754332214

Status:

Active

Overview:

gbx\_backplane\_connector\_system

Description:

1.85mm by 1.85mm (.073 by .073") Pitch 3-Pair GbX® Backplane Connector System, Left Guide Header Position A, 150 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 4.55mm (.179")

Documents:

Drawing (PDF)

Product Specification PS-75221-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

75433

Backplane

<a href="http://www.molex.com/pdm\_docs/ats/TM-622022099.pdf">Tooling Manual</a>

Left Guide Header, Keying Position A

PCB Header

gbx\_backplane\_connector\_system

GbX®

N/A

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

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

150

150

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA), Stainless Steel

Gold

Tin-Lead

High Temperature Thermoplastic

25

3

6

Vertical

0.087 In

2.20 mm

No

Yes

0.063 In

1.60 mm

Tube

0.073 In

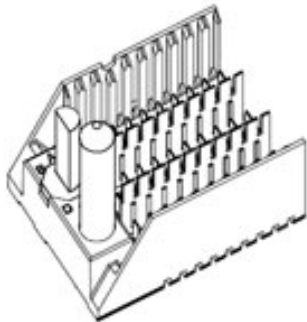
1.85 mm

0.073 In

1.85 mm

30

0.76



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

50

Pb

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

75433Series

Mates With

75370 GbX® Daughtercards

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 #  |
|----------------------------------------------------|------------|
| GbX® Single Pin Repair Tool                        | 0622022090 |
| GbX® Shield Removal Tool                           | 0622022100 |
| GbX® 3 Pair by 25 Wide Differential Insertion Tool | 0622022530 |

|                                |                              |
|--------------------------------|------------------------------|
| Plating min: Termination (μin) | 30                           |
| Plating min: Termination (μm)  | 0.76                         |
| Polarized to PCB               | No                           |
| Stackable                      | No                           |
| Surface Mount Compatible (SMC) | Yes                          |
| Temperature Range - Operating  | 105°C                        |
| Termination Interface: Style   | Through Hole - Compliant Pin |

**Electrical**

|                               |                     |
|-------------------------------|---------------------|
| Current - Maximum per Contact | 1A                  |
| Data Rate                     | 8.0 Gbps            |
| Real Signals (per 25mm)       | 81                  |
| Shield Type                   | Ground Plane Shield |
| Shielded                      | Yes                 |
| Voltage - Maximum             | 120V AC (RMS)/DC    |

**Material Info**

**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-70873-572 |
| Product Specification   | PS-75221-999 |
| Sales Drawing           | SD-75433-210 |

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