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Part Number:

0752352114

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

4-Pair GbX® Backplane Connector System, Left Guide Header, 80 Circuits, Gold (Au)
0.76µm, Pin Length 4.55mm

Documents:

Drawing (PDF)

Product Specification PS-75221-999 (PDF)

Packaging Specification PK-70873-563 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Overview

Product Name

UPC

Backplane Connectors

75235

Backplane

TM-622022099

Left Guide Header, Keying Position A

PCB Header

GbX® Backplane Connector System

GbX®

822350173780

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

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

80

80

Gray (Dark)

200

No

94V-0

Yes

Yes

High Performance Alloy (HPA), Stainless Steel

Gold

Tin-Lead

High Temperature Thermoplastic

9.250/g

10

4

8

Vertical

2.20mm

No

Yes

1.60mm

Tray

1.85mm

1.85mm

0.762µm

0.762µm

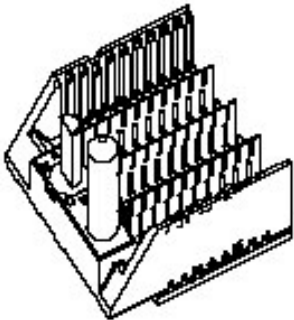
No

Yes

Yes

105°C

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

Not Reviewed

ELV

Not Relevant

Search Parts in this Series

75235 Series

Mates With

75220 GbX® Daughtercard

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 #
Single Pin Repair Tool	0622022090
Shield Removal Tool	0622022100
Insertion Tool, 4-pair by 10-Wide	0622022000
Insertion Tool, 4-pair by 20-Wide	0622022010

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	108
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999
Sales Drawing	SD-75235-210

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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