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Part Number:

0752354775

Status:

Active

Overview:

GbX Backplane Connector System

Description:

4-Pair GbX Backplane Connector System, Right Guide Header, 56 Circuits, Gold (Au)
0.76µm, Pin Length 5.55mm

Documents:

[Drawing \(PDF\)](#)

[Packaging Specification PK-70873-563 \(PDF\)](#)

[Product Specification PS-75221-999-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75235

Application

Backplane

Application Tooling Documents

TM-622022099

Comments

Right Guide Header, Keying Position G

Component Type

PCB Header

Overview

GbX Backplane Connector System

Product Name

GbX

UPC

822350180856

Physical

Circuits (Loaded)

56

Circuits (maximum)

56

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

Yes

Keying to Mating Part

Yes

Material - Plating Mating

Gold

Net Weight

8.736/kg

Number of Columns

7

Number of Pairs

4

Number of Rows

8

Orientation

Vertical

PC Tail Length

2.20mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

1.85mm

Pitch - Termination Interface

1.85mm

Polarized to PCB

No

Stackable

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

105°C

Electrical

Current - Maximum per Contact

1.0A

Data Rate

8.0 Gbps

Real Signals (per 25mm)

108

Shield Type

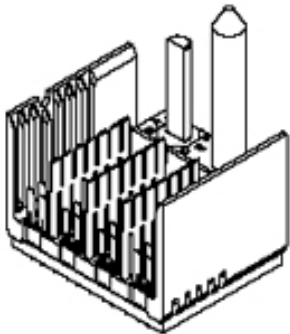
Ground Plane Shield

Shielded

Yes

Voltage - Maximum

120V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China RoHS

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
RoHS Phthalates	Not Reviewed

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 #
GbX Insertion Tool for 4-Pair by 7-Column	0622022120

Solder Process Data

Lead-free	Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75235-470

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