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Part Number:

75235-0208

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

1.85mm by 1.85mm Pitch 4-Pair GbX® Backplane Connector System, Open Header, 200 Circuits, Gold (Au) 1.27µm, Pin Length 4.55mm

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75221-999 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75235

Application

Backplane

Application Tooling Documents

TM-622022099

Comments

Open Header

Component Type

PCB Header

Overview

GbX® Backplane Connector System

Product Name

GbX®

Style

N/A

UPC

822350173650

Physical

Circuits (Loaded)

200

Circuits (maximum)

200

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

Keying to Mating Part

None

Material - Plating Mating

Gold

Net Weight

11.890/g

Number of Columns

25

Number of Pairs

4

Number of Rows

8

Orientation

Vertical

PC Tail Length

2.30mm

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

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

105°C

Electrical

Current - Maximum per Contact

1A

Data Rate

8.0 Gbps

Real Signals (per 25mm)

108

Shield Type

Ground Plane Shield

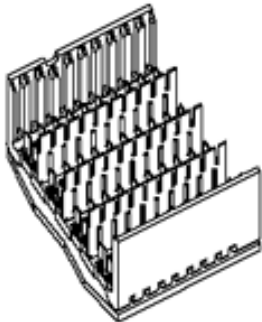


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

75235Series

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 #
Insertion Tool, 4-pair	0622022020
by 25-Wide	
Single Pin Repair	0622022090
Tool	
Shield Removal Tool	0622022100

Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-75221-999
Sales Drawing	SD-75235-010

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