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Part Number: [75235-0109](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 1.85mm by 1.85mm Pitch 4-Pair GbX® Backplane Connector System, Open Header, 80 Circuits, Gold (Au) 1.27µm, Pin Length 5.55mm

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 822350173636

Physical

Circuits (Loaded) 80
 Circuits (maximum) 80
 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 4.888/g
 Number of Columns 10
 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

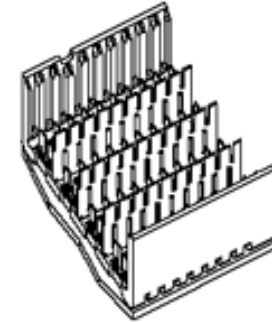


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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 [0622022000](#)
 by 10-Wide
 Insertion Tool, 4-pair [0622022010](#)
 by 20-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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