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Part Number: [75235-2159](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: 1.85mm by 1.85mm Pitch 4-Pair GbX® Backplane Connector System, Left Guide 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

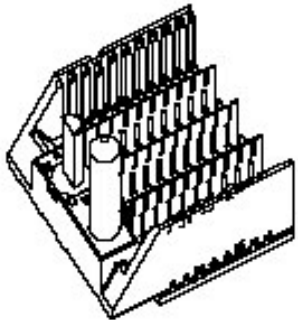
Product Family Backplane Connectors
Series [75235](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Left Guide Header, Keying Position E
Component Type PCB Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
Style N/A
UPC 822350175371

Physical

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



Series

image - Reference only

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-75235-210, SD-75838-210

GbX is a registered trademark of Amphenol Corporation.

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