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Part Number: [0758270203](#)
Status: **Active**
Overview: [gbx_backplane_connector_system](#)
Description: 1.85mm by 1.85mm (.073 by .073") Pitch 2-Pair GbX® Backplane Connector System, Open Header, 100 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 3.55mm (.140")

Documents:

[Drawing \(PDF\)](#)

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

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

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [75827](#)
Application Backplane
Application Tooling Documents Tooling Manual
Comments Open Header
Component Type PCB Header
Overview [gbx_backplane_connector_system](#)
Product Name GbX®
Style N/A

Physical

Circuits (Loaded) 100
Circuits (maximum) 100
Color - Resin Gray (Dark)
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Number of Columns 25
Number of Pairs 2
Number of Rows 4
Orientation Vertical
PC Tail Length 2.20mm (.087")
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm (.063")
Packaging Type Tube
Pitch - Mating Interface 1.85mm (.073")
Pitch - Termination Interface 1.85mm (.073")
Plating min - Mating 0.762µm (30µ")
Plating min - Termination 0.762µm (30µ")
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 105°C
Termination Interface: Style Through Hole - Compliant Pin

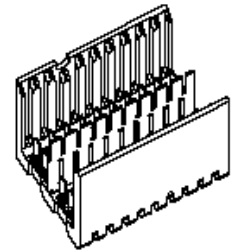


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption
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

[75827Series](#)

Mates With

[75650 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® 2 Pair by 25 Wide Differential Insertion Tool	0622022430

Electrical

Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	54
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Product Specification	PS-75221-999
Sales Drawing	SD-75827-010

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