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Part Number: [75235-2779](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: 1.85mm by 1.85mm Pitch 4-Pair GbX® Backplane Connector System, Left Guide Header, 56 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 G
Component Type PCB Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
Style N/A
UPC 822350176385

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 4.435/g
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 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 for 4-Pair by 7-Column	0622022120

Shielded
Voltage - Maximum

Yes
120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-75221-999
SD-75235-270

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