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Part Number: [0752376104](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 5-Pair GbX® Backplane Connector System, Dual Guide Header, 100 Circuits, Gold (Au) 0.76µm, Pin Length 4.55mm

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-70873-565 \(PDF\)](#)

Agency Certification

UL E29179

General

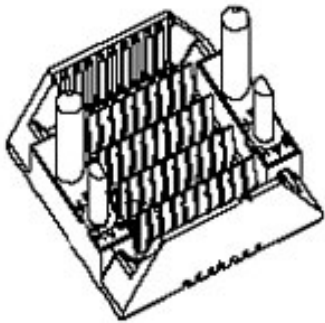
Product Family Backplane Connectors
Series [75237](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Dual Guide Header, No Keying Position
Component Type PCB Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
UPC 822350549721

Physical

Circuits (Loaded) 100
Circuits (maximum) 100
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 13.815/g
Number of Columns 10
Number of Pairs 5
Number of Rows 10
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 Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 105°C

Electrical

Current - Maximum per Contact 1.0A
Data Rate 8.0 Gbps
Real Signals (per 25mm) 135
Shield Type Ground Plane Shield
Shielded Yes
Voltage - Maximum 120V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant

Search Parts in this Series

[75237](#) Series

Mates With

[75360](#) 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 #
Single Pin Repair Tool	0622022090
Shield Removal Tool	0622022100
Insertion Tool, 5-pair by 10-Wide	0622022030
Insertion Tool, 5-pair by 20-Wide	0622022040

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-565
Sales Drawing	SD-75237-610

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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