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Part Number: [0752350104](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: 4-Pair GbX Backplane Connector System, Open Header, 80 Circuits, Gold (Au)
0.76µm, Pin Length 4.55mm

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75221-999-001 \(PDF\)](#)
[Packaging Specification PK-70873-563 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

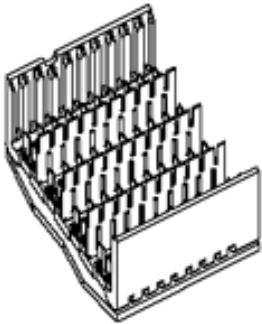
UL E29179

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
UPC 822348640287

Physical

Circuits (Loaded) 80
Circuits (maximum) 80
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
Net Weight 4.972/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
Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Polarized to PCB No
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 105°C
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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
RoHS Phthalates	Not Contained

Search Parts in this Series

[75235](#) Series

Mates With

[75220](#) GbX Daughtercard

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	108
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75235-010

This document was generated on 10/06/2017

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