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Part Number: **0752350104**
Status: **Active**
Overview: GbX Backplane Connector System
Description: GbX 4 Pair Backplane Connector System, Open Header, 80 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm

Documents:

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

Agency Certification

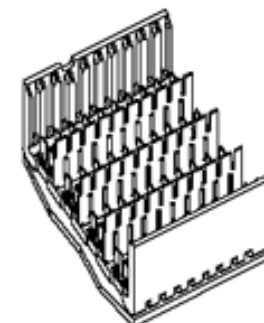
UL E29179

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

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

75235 Series

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 622022000
by 10-Wide
Insertion Tool, 4-pair 622022010
by 20-Wide
Single Pin Repair 622022090
Tool
Shield Removal Tool 622022100

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-free Process Capability | N/A |
|------------------------------|-----|

Material Info**Reference - Drawing Numbers**

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

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