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**Part Number:** [0754921047](#)  
**Status:** **Active**  
**Overview:** [GbX Backplane Connector System](#)  
**Description:** GbX 2 Pair Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au)

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-578-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

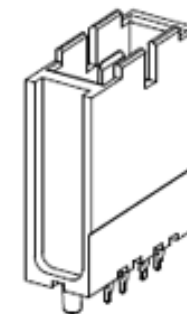
UL E29179

**General**

Product Family Backplane Connectors  
 Series [75492](#)  
 Application Backplane  
 Application Tooling Documents TM-622022099  
 Comments Blade Length A 4.50mm, B 7.50mm, Blade Length A 4.50mm, B 7.50mm  
 Component Type Power Header  
 Overview [GbX Backplane Connector System](#)  
 Product Name GbX  
 UPC 822350734912

**Physical**

Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Circuits Detail Rows A & B  
 Color - Resin Gray (Dark)  
 Durability (mating cycles max) 200  
 First Mate / Last Break Yes  
 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 1.290/g  
 Number of Columns N/A  
 Number of Pairs 2  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 2.28mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 Pitch - Mating Interface 1.85mm  
 Pitch - Termination Interface 2.60mm  
 Plating min - Mating 1.270µm  
 Plating min - Termination 0.762µm  
 Polarized to PCB Yes  
 Stackable Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating 105°C



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[75492](#) Series

**Mates With**

[75292](#) 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 #
Shield Removal Tool	<a href="#">622022100</a>
GbX 2-Pair 1-Up Power Module	<a href="#">622022480</a>

Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 6.0A  
Data Rate 8.0 Gbps  
Shielded No  
Voltage - Maximum 120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-70873-578-001  
Sales Drawing SD-75492-001

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