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**Part Number:** [75492-1025](#)  
**Status:** **Active**  
**Overview:** GbX® Backplane Connector System  
**Description:** 1.85mm by 1.85mm Pitch 2-Pair GbX® Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au), Lead-Free

**Documents:**

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

**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  
 Component Type Power Header  
 Overview [GbX® Backplane Connector System](#)  
 Product Name GbX®  
 Style N/A  
 UPC 883906163785

**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  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 1.286/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 No  
 Surface Mount Compatible (SMC) Yes

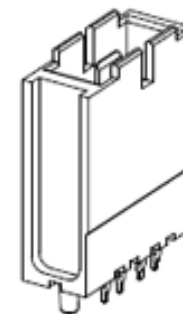


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Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[75492Series](#)

**Mates With**

[75292 GbX® Daughtercard](#)

Temperature Range - Operating 105°C  
Termination Interface: Style Through Hole - Compliant Pin

### **Electrical**

Current - Maximum per Contact 6A  
Data Rate 8.0 Gbps  
Shielded No  
Voltage - Maximum 120V AC (RMS)/DC

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification PS-75221-999  
Sales Drawing SD-75492-001

GbX is a registered trademark of Amphenol Corporation.

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