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**Part Number:** [0754921053](#)  
**Status:** **Active**  
**Overview:** GbX® Backplane Connector System  
**Description:** 2-Pair GbX Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au), Lead-Free

**Documents:**

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

**Agency Certification**

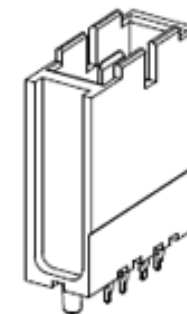
UL E29179

**General**

Product Family Backplane Connectors  
 Series [75492](#)  
 Application Backplane  
 Application Tooling Documents TM-622022099  
 Component Type Power Header  
 Overview [GbX® Backplane Connector System](#)  
 Product Name GbX  
 UPC 884982280700

**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 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  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 1.305/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  
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75492](#) Series

**Mates With**

[75292](#) GbX Daughtercard

**Electrical**

Current - Maximum per Contact	6.0A
Data Rate	8.0 Gbps
Shielded	No
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-70873-578
Sales Drawing	SD-75492-001

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