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**Part Number:** [75341-6747](#)  
**Status:** **Active**  
**Overview:** [GbX® Backplane Connector System](#)  
**Description:** 4-Pair GbX® Backplane Connector System, Power Module, 12 Circuits, 1.27µm Gold (Au)

**Documents:**  
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

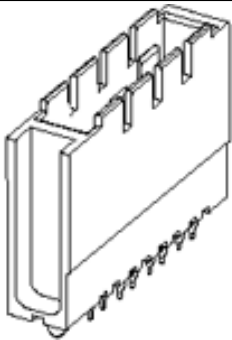
UL E29179

**General**

Product Family Backplane Connectors  
Series [75341](#)  
Application Backplane  
Application Tooling Documents TM-622022099  
Comments Blade Length A 6.00mm, B 7.50mm, C 4.50mm, D 7.50mm  
Component Type Power Header  
Overview [GbX® Backplane Connector System](#)  
Product Name GbX®  
UPC 822348646777

**Physical**

Circuits (Loaded) 8  
Circuits (maximum) 8  
Circuits Detail Rows A, B, C, & D  
Color - Resin Gray  
Durability (mating cycles max) 200  
First Mate / Last Break Yes  
Flammability 94V-0  
Guide to Mating Part No  
Keying to Mating Part None  
Material - Plating Mating Gold  
Material - Plating Termination Tin-Lead  
Material - Resin High Temperature Thermoplastic  
Net Weight 2.312/g  
Number of Columns N/A  
Number of Pairs 4  
Number of Rows 4  
Orientation Vertical  
PC Tail Length 2.40mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm  
Packaging Type Tube  
Pitch - Mating Interface 1.85mm  
Pitch - Termination Interface 1.85mm  
Plating min - Mating 1.270µm  
Plating min - Termination 0.762µm  
Polarized to PCB Yes  
Stackable Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -55°C to +105°C



Series

image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**Low-Halogen Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product 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**  
[75341Series](#)

**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 #                  |
|--------------------------------------------|----------------------------|
| Insertion Module, 4-pair 1-Up Power Module | <a href="#">0622022005</a> |
| Single Pin Repair Tool                     | <a href="#">0622022090</a> |
| Shield Removal Tool                        | <a href="#">0622022100</a> |

Termination Interface: Style

Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact

6.0A

Data Rate

8.0 Gbps

Real Signals (per 25mm)

0

Shielded

No

Voltage - Maximum

120V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SD-75341-001

GbX is a registered trademark of Amphenol Corporation.

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