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**Part Number:** [0753416676](#)  
**Status:** **Active**  
**Overview:** [GbX Backplane Connector System](#)  
**Description:** GbX 4 Pair Backplane Connector System, Power Module, 8 Circuits, 1.27µm Gold (Au)

**Documents:**

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

**Agency Certification**

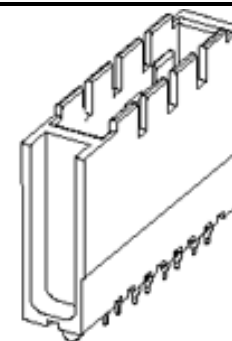
UL E29179

**General**

Product Family Backplane Connectors  
 Series [75341](#)  
 Application Backplane  
 Application Tooling Documents TM-622022099  
 Comments Blade Length A 6.00mm, B 6.00mm, C 7.50mm, D 6.00mm, Blade Length A 6.00mm, B 6.00mm, C 7.50mm, D 6.00mm  
 Component Type Power Header  
 Overview [GbX Backplane Connector System](#)  
 Product Name GbX  
 UPC 822348646685

**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° to +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/71/2019 (16 July 2019)

**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**

[75341](#) 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 #
Insertion Module, 4-Pair 1-Up Power Module	<a href="#">622022005</a>
Single Pin Repair Tool	<a href="#">622022090</a>
Shield Removal Tool	<a href="#">622022100</a>

**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

**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Sales Drawing	SD-75341-001
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