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Part Number: [0753310444](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 3 Pair Backplane Connector System, Power Module, 6 Circuits, 1.27µm Gold (Au)

Documents:

[3D Model](#) [Packaging Specification PK-70873-571-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

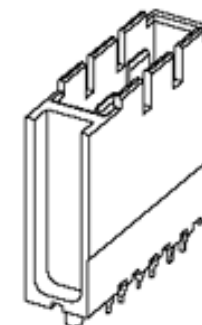
UL E29179

General

Product Family Backplane Connectors
 Series [75331](#)
 Application Backplane
 Application Tooling Documents TM-622022099
 Comments Blade Length A 4.50mm, B 4.50mm, C 4.50mm, Blade Length A 4.50mm, B 4.50mm, C 4.50mm
 Component Type Power Header
 Overview [GbX Backplane Connector System](#)
 Product Name GbX
 UPC 822350613521

Physical

Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Gray
 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-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.712/g
 Number of Columns N/A
 Number of Pairs 3
 Number of Rows 3
 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 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 105°C
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[75331](#) 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 #

| | |
|------------------------------|---------------------------|
| Single Pin Repair Tool | 622022090 |
| Shield Removal Tool | 622022100 |
| GbX 3-Pair 1-Up Power Module | 622022580 |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 6.0A |
| Data Rate | 8.0 Gbps |
| Shield Type | N/A |
| 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-70873-571-001 |
| Sales Drawing | SD-75331-001 |

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