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Part Number: [0753310447](#)
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 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

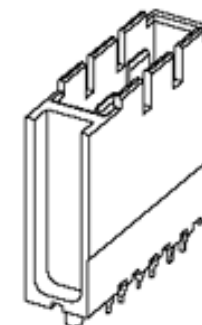
UL E29179

General

Product Family Backplane Connectors
Series [75331](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Blade Length A 4.50mm, B 4.50mm, C 7.50mm, Blade Length A 4.50mm, B 4.50mm, C 7.50mm
Component Type Power Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 822350626439

Physical

Circuits (Loaded) 6
Circuits (maximum) 6
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 - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Net Weight 1.555/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

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

[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
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Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-70873-571-001
Sales Drawing	SD-75331-001

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