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Part Number: [0754921076](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 2 Pair Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au)

Documents:

[3D Model](#) [Packaging Specification PK-70873-578-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#)

Agency Certification

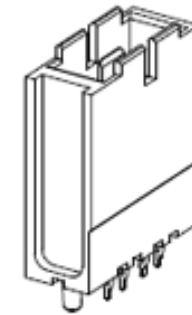
UL E29179

General

Product Family Backplane Connectors
 Series [75492](#)
 Application Backplane
 Application Tooling Documents TM-622022099
 Comments Blade Length A 7.50mm, B 6.00mm, Blade Length A 7.50mm, B 6.00mm
 Component Type Power Header
 Overview [GbX Backplane Connector System](#)
 Product Name GbX
 UPC 756054924563

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 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 1.324/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



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

[75492](#) 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 #

Shield Removal Tool [622022100](#)

GbX 2-Pair 1-Up [622022480](#)

Power Module

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 6.0A
Data Rate 8.0 Gbps
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-70873-578-001
Sales Drawing SD-75492-001

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