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Part Number: [0754921025](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 2 Pair Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au), Lead-Free

Documents:

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

Agency Certification

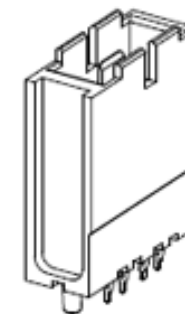
UL E29179

General

Product Family Backplane Connectors
 Series [75492](#)
 Application Backplane
 Application Tooling Documents TM-622022099
 Comments Blade Length A 4.50mm, B 7.50mm
 Component Type Power Header
 Overview [GbX Backplane Connector System](#)
 Product Name GbX
 UPC 883906163785

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
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.286/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
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[75492](#) Series

Mates With

[75292](#) GbX Daughtercard

Electrical

Current - Maximum per Contact	6.0A
Data Rate	8.0 Gbps
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**

Packaging Specification	PK-70873-578-001
Sales Drawing	SD-75492-001

This document was generated on 11/26/2018

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