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Part Number: [0754921077](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 2-Pair GbX Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au)

Documents:

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

Agency Certification

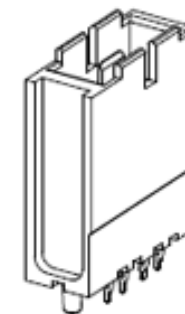
UL E29179

General

Product Family Backplane Connectors
 Series [75492](#)
 Application Backplane
 Application Tooling Documents TM-622022099
 Comments Blade Length A 7.50mm, B 7.50mm
 Component Type Power Header
 Overview [GbX® Backplane Connector System](#)
 Product Name GbX®
 UPC 822350174381

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 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 1.323/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

China RoHS

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS Green Image
 ELV Not Relevant
 RoHS Phthalates 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

Material Info**Reference - Drawing Numbers**

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

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