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Part Number: [0758610104](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 2 Pair L-Series Backplane Connector System, Open Header, 55 Circuits, Gold (Au) 0.76µm, Pin Length 4.55mm

Documents:

[3D Model](#) [Packaging Specification PK-70873-5058 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

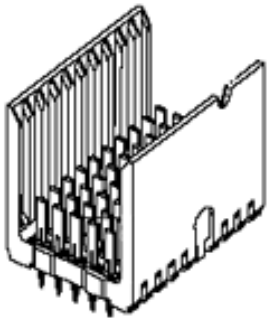
Product Family Backplane Connectors
Series [75861](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Open Header, Open Header
Component Type PCB Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 822350869782

Physical

Circuits (Loaded) 50
Circuits (maximum) 50
Color - Resin Gray (Dark)
Durability (mating cycles max) 200
First Mate / Last Break No
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 2.482/g
Number of Columns 10
Number of Pairs 2
Number of Rows 5
Orientation Vertical
PC Tail Length 2.20mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
Pitch - Mating Interface 1.85mm
Pitch - Termination Interface 1.85mm
Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Polarized to PCB No
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 1.0A
Data Rate 8.0 Gbps
Real Signals (per 25mm) 67



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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 Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[75861](#) Series

Mates With

[75676](#) GbX Hybrid Daughtercard. [75671](#)
GbX L-Series 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 #

GbX 2-Pair by 10- [622022450](#)
Wide L-Series
Insertion Module

Shielded	No
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-5058
Sales Drawing	SD-75861-010

This document was generated on 12/17/2019

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