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Part Number: [0752372154](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 5 Pair Backplane Connector System, Left Guide Header, 100 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm, Key Orientation E

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75221-999-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [75237](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Left Guide Header, Keying Position E, Left Guide Header, Keying Position E
Component Type PCB Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 822350176880

Physical

Circuits (Loaded) 100
Circuits (maximum) 100
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part Yes
Material - Plating Mating Gold
Net Weight 8.663/g
Number of Columns 10
Number of Pairs 5
Number of Rows 10
Orientation Vertical
PC Tail Length 2.30mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 1.85mm
Pitch - Termination Interface 1.85mm
Polarized to PCB No
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 105°C

Electrical

Current - Maximum per Contact 1.0A
Data Rate 8.0 Gbps
Real Signals (per 25mm) 135
Shield Type Ground Plane Shield
Shielded Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[75237](#) Series

Mates With

[75360](#) 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 #
Insertion Tool, 5-Pair by 10-Wide	622022030
Insertion Tool, 5-Pair by 20-Wide	622022040
Single Pin Repair Tool	622022090
Shield Removal Tool	622022100

Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-75221-999-001
Sales Drawing	SD-75237-210

This document was generated on 09/15/2019

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