

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0752374164](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 5 Pair Backplane Connector System, Right Guide Header, 100 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm, Key Orientation F

Documents:

[3D Model](#) [Product Specification PS-75221-999-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

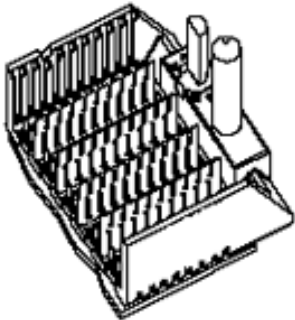
UL E29179

General

Product Family Backplane Connectors
Series [75237](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Right Guide Header, Keying Position F, Right Guide Header, Keying Position F
Component Type PCB Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 822350178082

Physical

Circuits (Loaded) 100
Circuits (maximum) 100
Color - Resin Gray (Dark)
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part Yes
Material - Metal High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
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
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



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

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	135
Shield Type	Ground Plane Shield
Shielded	Yes
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-75237-410

This document was generated on 09/15/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

75237-4164