

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0754650503

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 4 Pair L-Series Backplane Connector System, Open Header, 55 Circuits, 5 Columns, Gold (Au) 0.76µm, Pin Length 3.55mm

Documents:

3D Model

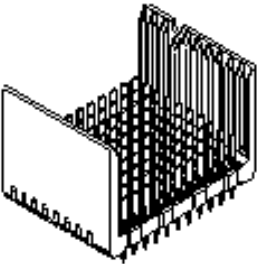
Drawing (PDF)

Product Specification PS-75221-999-001 (PDF)

Packaging Specification PK-70873-563 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75465
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	822348690558
Physical	
Circuits (Loaded)	55
Circuits (maximum)	55
Color - Resin	Gray (Dark)
Durability (mating cycles max)	250
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	2.168/g
Number of Columns	5
Number of Pairs	4
Number of Rows	11
Orientation	Vertical
PC Tail Length	2.20mm
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	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



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

75465 Series

Mates With

GbX Daughtercards 75420 , 75426

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 #
Backplane 4-Pair by 5-Wide L Series Insertion Tool	622022015
Single Pin Repair Tool	622022090

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	149
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75465-010

This document was generated on 09/13/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[75465-0503](#)