

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0752352759](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 4 Pair Backplane Connector System, Left Guide Header, 56 Circuits, 7 Columns, Gold (Au) 1.27µm, Pin Length 5.55mm, Key Orientation E

Documents:

Drawing (PDF)	Packaging Specification PK-70873-563 (PDF)
Product Specification PS-75221-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
----	--------

General

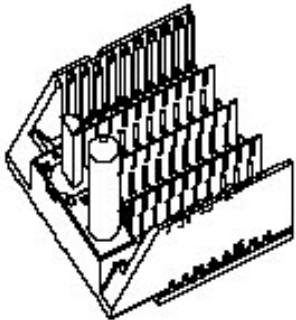
Product Family	Backplane Connectors
Series	75235
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Left Guide Header, Keying Position E, Left Guide Header, Keying Position E
Component Type	PCB Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	822350176262

Physical

Circuits (Loaded)	56
Circuits (maximum)	56
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	4.435/g
Number of Columns	7
Number of Pairs	4
Number of Rows	8
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
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)	108
Shield Type	Ground Plane Shield
Shielded	Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

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

[75235](#) Series

Mates With

[75220](#) 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 #

GbX Insertion Tool for 4-Pair by 7-Column	622022120
---	---------------------------

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-75235-270

This document was generated on 09/14/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[75235-2759](#)