

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0752354754

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 4 Pair Backplane Connector System, Right Guide Header, 56 Circuits, 7 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm, Key Orientation E

Documents:

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	75235
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Right Guide Header, Keying Position E, Right Guide Header, Keying Position E
Component Type	PCB Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	822350180627
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	8.736/kg
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	China 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-75235-470

This document was generated on 09/21/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

75235-4754