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Part Number: [0752352105](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 4 Pair Backplane Connector System, Left Guide Header, 80 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm

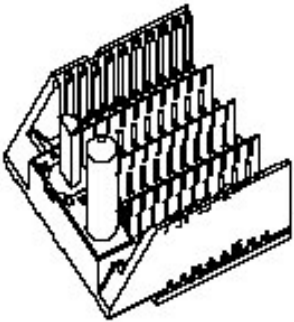
Documents:
[3D Model](#) [Product Specification PS-75221-999-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-563 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family Backplane Connectors
Series [75235](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Left Guide Header, No Keying Position, Left Guide Header, No Keying Position

Component Type PCB Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 822350173735

Physical
Circuits (Loaded) 80
Circuits (maximum) 80
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 None
Material - Metal High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Net Weight 8.596/g
Number of Columns 10
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
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



Series image - Reference only

EU ELV
Not Relevant

EU 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 China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
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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 #
Insertion Tool, 4-Pair by 10-Wide	622022000
Insertion Tool, 4-pair by 20-Wide	622022010
Single Pin Repair Tool	622022090
Shield Removal Tool	622022100

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	108
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	
Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75235-210

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