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Part Number: **0752352104**

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 4.55mm

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)

Series image - Reference only

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	822348722419

Physical
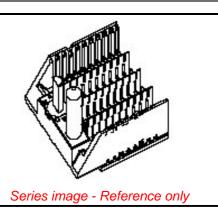|	
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - 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

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
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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