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**Part Number:** [0758540204](#)  
**Status:** **Active**  
**Overview:** GbX Backplane Connector System  
**Description:** GbX 4 Pair L-Series Backplane Connector System, Open Header, 275 Circuits, 25 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-563 (PDF)</a>
<a href="#">Product Specification PS-75221-999-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">75854</a>
Application	Backplane
Component Type	PCB Header
Overview	<a href="#">GbX Backplane Connector System</a>
Product Name	GbX
UPC	887191369037

**Physical**

Circuits (Loaded)	275
Circuits (maximum)	275
Color - Resin	Gray
Durability (mating cycles max)	200
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
Material - Resin	High Temperature Thermoplastic
Net Weight	10.853/g
Number of Columns	25
Number of Pairs	4
Number of Rows	11
Orientation	Vertical
PC Tail Length	2.30mm
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
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 1.0A

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75854 Series](#)

Data Rate	8.0 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75854-010

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