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**Part Number:** **0758380705**  
**Status:** **Active**  
**Overview:** GbX Backplane Connector System  
**Description:** GbX 4 Pair Backplane Connector System Open Header, 56 Circuits, 7 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm, Lead-Free

**Documents:**

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

**Agency Certification**

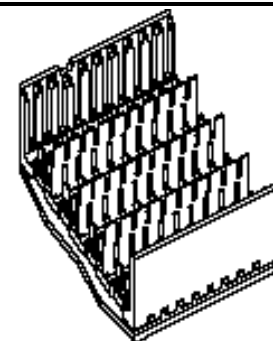
UL E29179

**General**

Product Family Backplane Connectors  
Series 75838  
Application Backplane  
Application Tooling Documents TM-622022099  
Comments Open Header, Open Header  
Component Type Power Header  
Overview GbX Backplane Connector System  
Product Name GbX  
UPC 883906438203

**Physical**

Circuits (Loaded) 56  
Circuits (maximum) 56  
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 3.393/g  
Number of Columns 7  
Number of Pairs 4  
Number of Rows 8  
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



*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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

75838 Series

**Mates With**

75878 Daughtercard Assembly

**Electrical**

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess 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-75838-010

This document was generated on 12/17/2019

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