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**Part Number:** **0758380105**  
**Status:** **Active**  
**Overview:** GbX Backplane Connector System  
**Description:** GbX 4 Pair Backplane Connector System Open Header, 80 Circuits, 10 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**

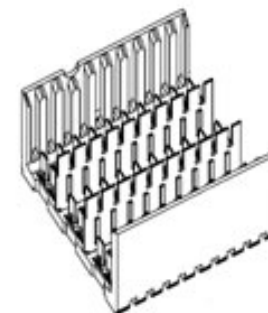
UL E29179

**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 822350628402

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 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 4.888/g  
 Number of Columns 10  
 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

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

75838 Series

**Mates With**

75878 Daughtercard Assembly

**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 622022000  
 by 10-Wide

**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

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