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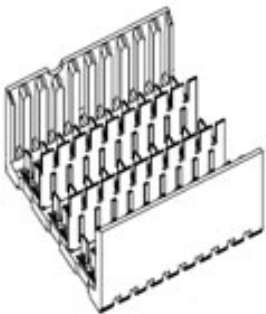
Part Number: [0758380205](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: GbX® Backplane Connector System, 4 Pair, Open Header, 200 Circuits, 25 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm, Lead-Free

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

Agency Certification
UL E29179

General
Product Family Backplane Connectors
Series [75838](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Open Header
Component Type Power Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
UPC 800756791678

Physical
Circuits (Loaded) 200
Circuits (maximum) 200
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 12.290/g
Number of Columns 25
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 **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant

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
Sales Drawing	SD-75838-010

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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