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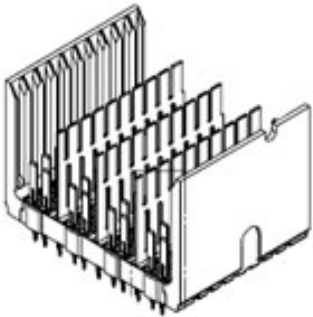
Part Number: [0758301705](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 4 Pair Electrically Enhanced Backplane Connector System, 7 Columns, Open Header, 56 Circuits, Gold (Au) 0.76µm, Pin Length 5.55mm

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

General
Product Family Backplane Connectors
Series [75830](#)
Application Backplane
Application Tooling Documents TM-622022099
Component Type PCB Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 883906054908

Physical
Circuits (Loaded) 56
Circuits (maximum) 56
Color - Resin Black, Gray
Durability (mating cycles max) 200
First Mate / Last Break No
Guide to Mating Part No
Keying to Mating Part None
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 3.566/g
Number of Columns 7
Number of Pairs 4
Number of Rows 13
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 -55° to +80°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical
Current - Maximum per Contact 1.0A
Data Rate 8.0 Gbps
Shield Type Ground Plane Shield
Shielded Yes



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/108/2014 (17 Dec
2014)
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
[75830 Series](#)

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-75830-110

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