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Part Number: **0758303735**
Status: **Active**
Overview: GbX Backplane Connector System
Description: GbX 4 Pair Electrically Enhanced Backplane Connector System, 7 Columns, Left Guide Header, Polarization Key C, 56 Circuits, 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

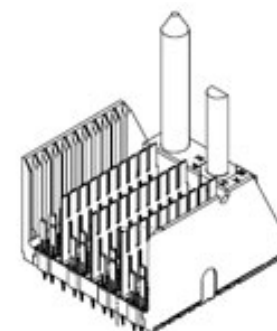
| | |
|-------------------------------|---------------------------------------|
| Product Family | Backplane Connectors |
| Series | <u>75830</u> |
| Application | Backplane |
| Application Tooling Documents | TM-622022099 |
| Component Type | PCB Header |
| Overview | <u>GbX Backplane Connector System</u> |
| Product Name | GbX |
| UPC | 883906055196 |

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 | Yes |
| Keying to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 8.104/g |
| Number of Columns | 7 |
| Number of Pairs | 4 |
| Number of Rows | 13 |
| Orientation | Vertical |
| PC Tail Length | 2.30mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.85mm |
| Pitch - Termination Interface | 1.85mm |
| 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 |
| Voltage - Maximum | 120V AC (RMS)/DC |



Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

75830 Series

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-70873-563

Product Specification

PS-75221-999-001

Sales Drawing

SD-75830-310

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