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Part Number: **0758305235**
Status: **Active**
Overview: GbX Backplane Connector System
Description: GbX 4 Pair Electrically Enhanced Backplane Connector System, 25 Columns, Right Guide Header, Polarization Key C, 200 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

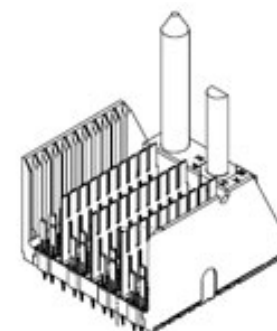
Product Family	Backplane Connectors
Series	75830
Application	Backplane
Application Tooling Documents	TM-622022099
Component Type	PCB Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	883906055318

Physical

Circuits (Loaded)	200
Circuits (maximum)	200
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	17.438/g
Number of Columns	25
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-75830-510

This document was generated on 09/30/2019

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