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Part Number: [0758360205](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: GbX® Backplane Connector System, 3 Pair, Open Header, 150 Circuits, 25 Columns, Gold (Au) 0.25µm, Pin Length 5.55mm, Lead-Free

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-576 \(PDF\)](#)
[Product Specification PS-75221-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

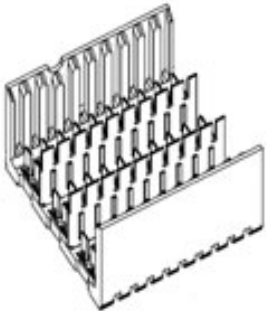
General

Product Family Backplane Connectors
Series [75836](#)
Application Backplane
Application Tooling Documents TM-622022099
Component Type Power Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
UPC 884982750463

Physical

Circuits (Loaded) 150
Circuits (maximum) 150
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 8.940/g
Number of Columns 25
Number of Pairs 3
Number of Rows 6
Orientation Vertical
PC Tail Length 2.20mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
Pitch - Mating Interface 1.85mm
Pitch - Termination Interface 1.85mm
Plating min - Mating 0.254µm
Plating min - Termination 0.254µm
Polarized to PCB No
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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
ELV

Green Image
Not Relevant

Search Parts in this Series

[75836](#) Series

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 #

GbX® 3-Pair by 25- [0622022530](#)
Wide Differential
Insertion Tool

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-70873-576
Product Specification	PS-75221-999
Sales Drawing	SD-75836-010

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

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