

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0758364234](#)  
**Status:** **Active**  
**Overview:** [gbx\\_backplane\\_connector\\_system](#)  
**Description:** 1.85mm by 1.85mm (.073 by .073") Pitch 3-Pair GbX® Backplane Connector System, Right Guide Header, 150 Circuits, Lead Free, Pin Length 4.55mm (.179")

**Documents:**

[Drawing \(PDF\)](#)

[Packaging Specification \(PDF\)](#)

[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 [<a href="http://www.molex.com/pdm\\_docs/ats/TM-622022099.pdf">Tooling Manual</a>](#)  
Comments Right Guide Header, Position C  
Component Type PCB Header  
Overview [gbx\\_backplane\\_connector\\_system](#)  
Product Name GbX®  
Style N/A

**Physical**

Circuits (Loaded) 150  
Circuits (maximum) 150  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part Yes  
Keying to Mating Part Yes  
Material - Metal High Performance Alloy (HPA), Stainless Steel  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Number of Columns 25  
Number of Pairs 3  
Number of Rows 6  
Orientation Vertical  
PC Tail Length 2.20mm (.087")  
PCB Locator No  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm (.063")  
Packaging Type Tube  
Pitch - Mating Interface 1.85mm (.073")  
Pitch - Termination Interface 1.85mm (.073")  
Plating min - Mating 0.762µm (30µ")  
Plating min - Termination 0.762µm (30µ")  
Polarized to PCB No  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating 105°C  
Termination Interface: Style Through Hole - Compliant Pin

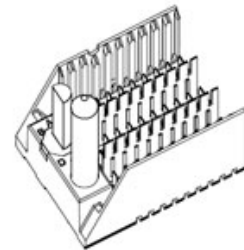


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[75836Series](#)

**Electrical**

Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	82
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-70873-572
Product Specification	PS-75221-999
Sales Drawing	SD-75836-410

GbX is a registered trademark of Amphenol Corporation.

This document was generated on 11/17/2010

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**