

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

**Part Number:** **0752374284**  
**Status:** **Active - Custom**  
**Overview:** gbx\_backplane\_connector\_system  
**Description:** 1.85mm by 1.85mm (.073 by .073") Pitch 5-Pair GbX® Backplane Connector System, Right Guide Header, 250 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 4.55mm (.179")

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series 75237  
 Application Backplane  
 Application Tooling Documents <a href="http://www.molex.com/pdm\_docs/ats/TM-622022099.pdf">Tooling Manual</a>  
 Comments Right Guide Header, Keying Position H  
 Component Type PCB Header  
 Overview gbx\_backplane\_connector\_system  
 Product Name GbX®  
 Style N/A

**Physical**

Circuits (Loaded) 250  
 Circuits (maximum) 250  
 Durability (mating cycles max) 200  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part Yes  
 Keying to Mating Part Yes  
 Number of Columns 25  
 Number of Pairs 5  
 Number of Rows 10  
 Orientation Vertical  
 PC Tail Length 2.30mm (.091")  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm (.063")  
 Packaging Type Tray  
 Pitch - Mating Interface 1.85mm (.073")  
 Pitch - Termination Interface 1.85mm (.073")  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating 105°C

**Electrical**

Current - Maximum per Contact 1A  
 Data Rate 8.0 Gbps  
 Real Signals (per 25mm) 135  
 Shield Type Ground Plane Shield  
 Shielded Yes  
 Voltage - Maximum 120V AC (RMS)/DC

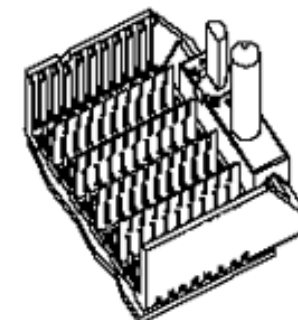


image - Reference only

Series

**EU RoHS**

**RoHS Compliant by Exemption**  
**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**

75237Series

**Mates With**

75360 GbX® Daughtercard

**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 #
Insertion Tool, GbX®	<a href="#">0622022050</a>
5 pair by 25 wide GbX® Single Pin	<a href="#">0622022090</a>
Repair Tool	
GbX® Shield	<a href="#">0622022100</a>
Removal Tool	

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-75221-999

Sales Drawing

SD-75237-410

GbX is a registered trademark of Amphenol Corporation.

This document was generated on 02/24/2011

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