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Part Number: **0752354775**
Status: **Active - Custom**
Overview: gbx_backplane_connector_system
Description: 1.85mm by 1.85mm (.073 by .073") Pitch 4-Pair GbX® Backplane Connector System, Right Guide Header, 56 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 5.55mm (.219")

Documents:

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

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series 75235
 Application Backplane
 Application Tooling Documents Tooling Manual
 Comments Right Guide Header, Keying Postion G
 Component Type PCB Header
 Overview gbx_backplane_connector_system
 Product Name GbX®
 Style N/A

Physical

Circuits (Loaded) 56
 Circuits (maximum) 56
 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 7
 Number of Pairs 4
 Number of Rows 8
 Orientation Vertical
 PC Tail Length 2.20mm (.087")
 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) 108
 Shield Type Ground Plane Shield
 Shielded Yes
 Voltage - Maximum 120V AC (RMS)/DC

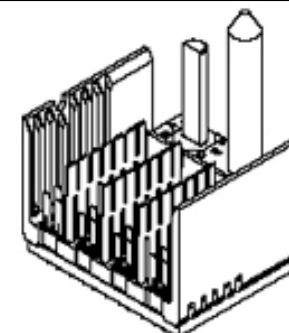


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Series

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
 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

75235Series

Mates With

75220 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 for GbX® 4 Pair by 7 Column	0622022120

Material Info

Reference - Drawing Numbers

Product Specification

PS-75221-999

Sales Drawing

SD-75235-470

GbX is a registered trademark of Amphenol Corporation.

This document was generated on 02/25/2011

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