

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [75331-0477](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 1.85mm by 1.85mm Pitch 3-Pair GbX® Backplane Connector System, Power Module, 6 Circuits, 1.27mm Gold (Au)

Documents:

[3D Model](#) [Product Specification PS-75221-999 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

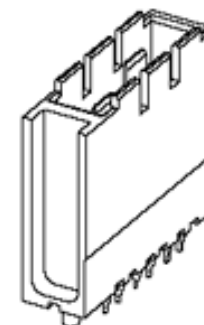
UL E29179

General

Product Family Backplane Connectors
 Series [75331](#)
 Application Backplane
 Application Tooling Documents TM-622022099
 Comments Blade Length A 4.50mm, B 4.50mm, C 7.50mm
 Component Type Power Header
 Overview [GbX® Backplane Connector System](#)
 Product Name GbX®
 Style N/A
 UPC 822350663861

Physical

Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Gray
 Durability (mating cycles max) 200
 First Mate / Last Break Yes
 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-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.539g
 Number of Columns N/A
 Number of Pairs 3
 Number of Rows 3
 Orientation Vertical
 PC Tail Length 2.28mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tube
 Pitch - Mating Interface 1.85mm
 Pitch - Termination Interface 1.85mm
 Plating min - Mating 1.270µm
 Plating min - Termination 0.762µm
 Polarized to PCB Yes
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating 105°C



Series

image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

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

[75331Series](#)

Mates With

[75292 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 #
Single Pin Repair Tool	0622022090
Shield Removal Tool	0622022100
3-Pair 1-Up Power Module	0622022580

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

6A

Data Rate

8.0 Gbps

Shield Type

N/A

Shielded

No

Voltage - Maximum

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-75221-999

Sales Drawing

SD-75331-001

GbX is a registered trademark of Amphenol Corporation.

This document was generated on 01/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION