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Part Number: [75331-0444](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: 3-Pair GbX® Backplane Connector System, Power Module, 6 Circuits,1.27µm Gold (Au)

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

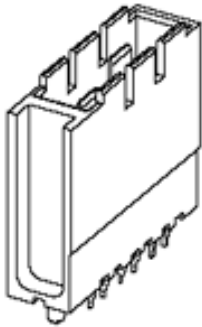
UL E29179

General

Product Family Backplane Connectors
Series [75331](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Blade Length A 4.50mm, B 4.50mm, C 4.50mm
Component Type Power Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
Style N/A
UPC 822350613521

Physical

Circuits (Loaded) 6
Circuits (maximum) 6
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-Lead
Material - Resin High Temperature Thermoplastic
Net Weight 1.712/g
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 Yes
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
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
[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
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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

Sales Drawing	SD-75331-001
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GbX is a registered trademark of Amphenol Corporation.

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