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Part Number: [75341-7647](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 1.85mm by 1.85mm Pitch 4-Pair GbX® Backplane Connector System, Power Module, 12 Circuits, 1.27µm Gold (Au)

Documents:

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

Agency Certification

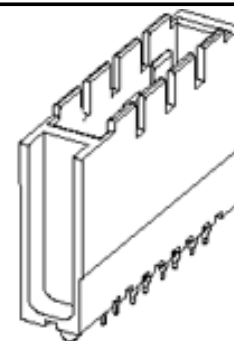
UL E29179

General

Product Family Backplane Connectors
 Series [75341](#)
 Application Backplane
 Application Tooling Documents TM-622022099
 Comments Blade Length A 7.50mm, B 6.00mm, C 4.50mm, D 7.50mm
 Component Type Power Header
 Overview [GbX® Backplane Connector System](#)
 Product Name GbX®
 Style N/A
 UPC 822348647255

Physical

Circuits (Loaded) 8
 Circuits (maximum) 8
 Circuits Detail Rows A, B, C, & D
 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 - Plating Mating Gold
 Material - Plating Termination Tin-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.312g
 Number of Columns N/A
 Number of Pairs 4
 Number of Rows 4
 Orientation Vertical
 PC Tail Length 2.40mm
 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



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

[75341Series](#)

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 #
Insertion Module, 4-pair 1-Up Power Module	0622022005
Single Pin Repair Tool	0622022090
Shield Removal Tool	0622022100

Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 6A
Data Rate 8.0 Gbps
Real Signals (per 25mm) 0
Shielded No
Voltage - Maximum 120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification PS-75221-999
Sales Drawing SD-75341-001

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