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Part Number: [0753425535](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 4 Pair Backplane Connector System, Power Module, 16 Circuits, 1.27µm Gold (Au), Lead-Free

Documents:

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

Agency Certification

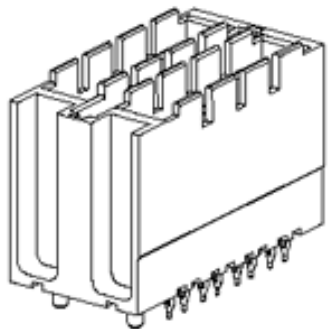
UL E29179

General

Product Family Backplane Connectors
Series [75342](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Blade Length A 7.50mm, B 7.50mm, C 6.00mm, D 7.50mm
Component Type Power Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 822350958820

Physical

Circuits (Loaded) 16
Circuits (maximum) 16
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 - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 4.776/g
Number of Columns N/A
Number of Pairs 4
Number of Rows 4
Orientation Vertical
PC Tail Length 2.28mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
Pitch - Mating Interface 4.50mm
Pitch - Termination Interface 2.60mm
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 ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[75342](#) Series

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 2-Up Power Module [0622022060](#)

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	6.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	0
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-75341-001

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