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Part Number: [0755166777](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: 5-Pair GbX® Backplane Connector System, Power Module, 10 Circuits, 1.27µm Gold (Au)

Documents:

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

General

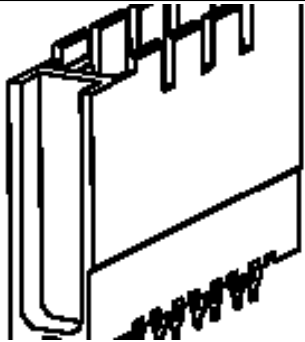
Product Family Backplane Connectors
Series [75341](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Blade Length A 6.00mm, B 6.00mm, C 7.50mm, D 7.50mm, E 7.50mm
Component Type Power Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
UPC 822348858002

Physical

Circuits (Loaded) 10
Circuits (maximum) 10
Circuits Detail Rows A, B, C, D, & E
Color - Resin Gray
Durability (mating cycles max) 200
First Mate / Last Break Yes
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 2.870/g
Number of Columns N/A
Number of Pairs 5
Number of Rows 5
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 -55°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 6.0A
Data Rate 8.0 Gbps



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

Search Parts in this Series

[75341](#) 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,
5-pair 1-Up Power
Module

[0622022007](#)

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-75510-001
GbX is a registered trademark of Amphenol Corporation.	

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