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Part Number: 0753414747

Status: Active

Overview: GbX Backplane Connector System

Description: GbX 4 Pair Backplane Connector System, Power Module, 8 Circuits, 1.27μm Gold (Au)

Documents:

3D Model

[RoHS Certificate of Compliance \(PDF\)](#)

Drawing (PDF)

Agency Certification

UL E29179

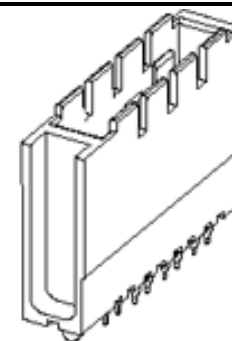
General

Product Family	Backplane Connectors
Series	<u>75341</u>
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Blade Length A 4.50mm. B 7.50mm. C 4.50mm.

Component Type	Power Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	822348646135

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	2.312/g
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	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

75341 Series

Mates With

75292 GbX Daughtercard

Application Tooling | FAO

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	<u>622022005</u>
Single Pin Repair Tool	<u>622022090</u>
Shield Removal Tool	622022100

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
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Material Info

Reference - Drawing Numbers

Sales Drawing	SD-75341-001
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