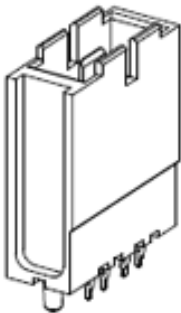


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Part Number: [0754921025](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 2 Pair Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au), Lead-Free

Documents:
[3D Model](#) [Packaging Specification PK-70873-578-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75492
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Blade Length A 4.50mm, B 7.50mm, Blade Length A 4.50mm, B 7.50mm
Component Type	Power Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	883906163785
Physical	
Circuits (Loaded)	4
Circuits (maximum)	4
Circuits Detail	Rows A & B
Color - Resin	Gray (Dark)
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	1.286/g
Number of Columns	N/A
Number of Pairs	2
Number of Rows	2
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	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 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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[75492](#) Series

Mates With
[75292](#) GbX Daughtercard

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	6.0A
Data Rate	8.0 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-578-001
Sales Drawing	SD-75492-001

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