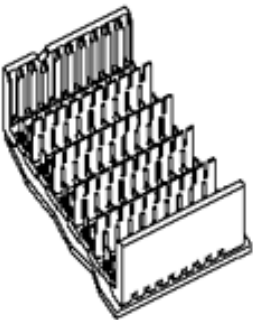


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Part Number: [0752370105](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: GbX 5 Pair Backplane Connector System, Open Header, 100 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75221-999-001 \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75237
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Open Header, Open Header
Component Type	PCB Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	822348810451
Physical	
Circuits (Loaded)	100
Circuits (maximum)	100
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	No
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-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	6.392/g
Number of Columns	10
Number of Pairs	5
Number of Rows	10
Orientation	Vertical
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.85mm
Pitch - Termination Interface	1.85mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[75237](#) Series

Mates With
[75360](#) GbX Daughtercard

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Global	
Description	Product #
Insertion Tool, 5-Pair by 10-Wide	622022030
Insertion Tool, 5-Pair by 20-Wide	622022040
Single Pin Repair Tool	622022090
Shield Removal Tool	622022100

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	135
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-75221-999-001
Sales Drawing	SD-75237-010

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