Series image - Reference only

Part Number: **0752370205**

Status: **Active**

Overview: GbX Backplane Connector System

Description: GbX 5 Pair Backplane Connector System, Open Header, 250 Circuits, 25 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm

Documents:

3D Model	Product Specification PS-75221-999-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
3D Model (PDF)	

Agency Certification

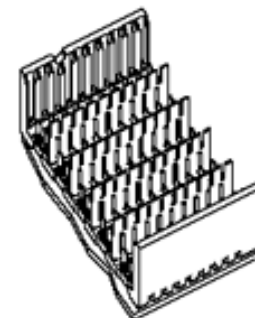|	
UL	E29179

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	822348810444

Physical

Circuits (Loaded)	250
Circuits (maximum)	250
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	16.075/g
Number of Columns	25
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

EU ELV
Not Relevant

EU RoHS   **China 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
75237 Series

Mates With
75360 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 Tool, 5-Pair by 25-Wide	622022050
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

Material Info

Reference - Drawing Numbers

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

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