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Part Number:

0758324203

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 2 Pair L-Series Backplane Connector System, 25 Columns, Right Guide Header, 100 Circuits, Pin Length 3.55mm, Lead-Free

Documents:	
3D Model	Product Specification PS-75221-999-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-5058 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75832
Application	Backplane
Application Tooling Documents	TM-622022099
Component Type	Power Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	883906156657
Physical	
Circuits (Loaded)	100
Circuits (maximum)	100
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.372/g
Number of Columns	25
Number of Pairs	2
Number of Rows	7
Orientation	Vertical
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
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	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

75832 Series

Mates With

75874 GbX Daughtercard Lead-Free

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 #
GbX 2-Pair by 25-Wide Differential Insertion Tool	622022430

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
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

Packaging Specification	PK-70873-5058
Product Specification	PS-75221-999-001
Sales Drawing	SD-75832-410

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