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Part Number:

0754330503

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 3 Pair Backplane Connector System, Open Header, 30 Circuits, 5 Columns, Gold (Au) 0.76µm, Pin Length 3.55mm

Documents:

3D Model

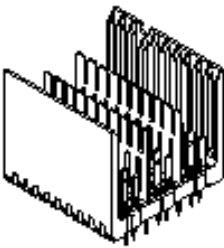
Drawing (PDF)

Product Specification PS-75221-999-001 (PDF)

Packaging Specification PK-70873-576 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75433
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	822350665568
Physical	
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
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	1.803/g
Number of Columns	25
Number of Pairs	3
Number of Rows	6
Orientation	Vertical
PC Tail Length	2.20mm
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

Compliant

China RoHS

Not Contained

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
75433 Series

Mates With
75370 GbX Daughtercards

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 #
Single Pin Repair Tool	622022090
Shield Removal Tool	622022100
GbX 3-Pair by 5	622022500
Differential Insertion Tool	

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	81
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

Packaging Specification	PK-70873-576
Product Specification	PS-75221-999-001
Sales Drawing	SD-75433-010

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