Part Number: 0753310667

Status: **Active**

Overview: GbX Backplane Connector System

Description: GbX 3 Pair Backplane Connector System, Power Module, 6 Circuits, 1.27mm Gold (Au)

Documents:
3D Model
3D Model (PDF)
Drawing (PDF)

Packaging Specification PK-70873-571-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	75331
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Blade Length A 6.00mm, B 6.00mm, C 7.50mm, Blade Length A 6.00mm, B 6.00mm, C 7.50mm
Component Type	Power Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	822348857999

Physical

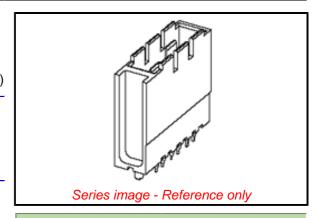|	
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	1.622/g
Number of Columns	N/A
Number of Pairs	3
Number of Rows	3
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	1.85mm
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
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
75331 Series

Mates With
75292 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 #
Single Pin Repair Tool	622022090
Shield Removal Tool	622022100
GbX 3-Pair 1-Up Power Module	622022580

Electrical

Current - Maximum per Contact	6.0A
Data Rate	8.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-571-001
Sales Drawing	SD-75331-001

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