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Part Number:

0755177766

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 5 Pair Backplane Connector System, Power Module, 10 Circuits, 1.27µm Gold (Au)

Documents:

3D Model

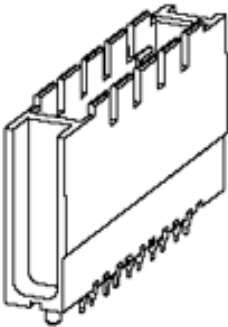
Drawing (PDF)

Packaging Specification PK-70873-0750 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	75517
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Blade Length A 7.50mm, B 7.50mm, C 7.50mm, D 6.00mm, E 6.00mm, Blade Length A 7.50mm, B 7.50mm, C 7.50mm, D 6.00mm, E 6.00mm
Component Type	Power Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	822350973632
Physical	
Circuits (Loaded)	10
Circuits (maximum)	10
Circuits Detail	Rows A, B, C, D, & E
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	Yes
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	2.870/g
Number of Columns	N/A
Number of Pairs	5
Number of Rows	5
Orientation	Vertical
PC Tail Length	2.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.60mm
Pitch - Termination Interface	2.60mm
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

Electrical



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

75517 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 #
Insertion Module, 5-Pair 1-Up Power Module	622022007

Current - Maximum per Contact	6.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	48
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0750
Sales Drawing	SD-75510-001

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