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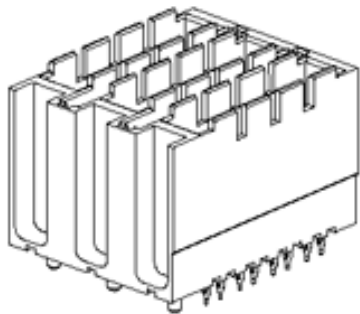
Part Number: [0753436777](#)
Status: **Active**
Overview: [GbX Backplane Connector System](#)
Description: 5-Pair GbX Backplane Connector System, Power Module, 48 Circuits, 1.3µm Gold (Au)

Documents:
[3D Model](#) [Packaging Specification PK-70873-562 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family Backplane Connectors
Series [75343](#)
Application Backplane
Application Tooling Documents TM-622022099
Comments Blade Length A 6.00mm, B 7.50mm, C 7.50mm, D 7.50mm
Component Type Power Header
Overview [GbX Backplane Connector System](#)
Product Name GbX
UPC 822350643016

Physical
Circuits (Loaded) 24
Circuits (maximum) 24
Circuits Detail Rows A, B, C, & D
Color - Resin Gray (Dark)
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 90/10 Tin Lead, 90/10 Tin-Lead
Material - Resin High Temperature Thermoplastic
Net Weight 7.329/g
Number of Columns N/A
Number of Pairs 5
Number of Rows 4
Orientation Vertical
PC Tail Length 2.40mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
Pitch - Mating Interface N/A
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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China RoHS
Not Compliant REACH SVHC Not Contained Per -ED/01/2018 (15 January 2018) Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	
China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[75343](#) Series

Mates With
[75292](#) GbX Daughtercard

Electrical

Current - Maximum per Contact	6.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	0
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-70873-562
Sales Drawing	SD-75341-001

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