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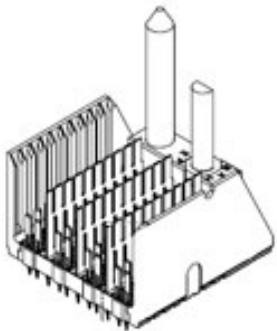
Part Number: [0758303715](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 4-Pair GbX® Electrically Enhanced Backplane Connector System, Right Guide Header, Polarization Key A, 56 Circuits, Pin Length 5.55mm

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-563 \(PDF\)](#)
[Product Specification PS-75221-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Backplane Connectors
Series [75830](#)
Application Backplane
Application Tooling Documents TM-622022099
Component Type PCB Header
Overview [GbX® Backplane Connector System](#)
Product Name GbX®
UPC 883906055134

Physical
Circuits (Loaded) 56
Circuits (maximum) 56
Color - Resin Black, Gray
Durability (mating cycles max) 200
First Mate / Last Break No
Guide to Mating Part Yes
Keying to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 8.044/g
Number of Columns 7
Number of Pairs 4
Number of Rows 13
Orientation Vertical
PC Tail Length 2.30mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 1.85mm
Pitch - Termination Interface 1.85mm
Polarized to PCB No
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +80°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical
Current - Maximum per Contact 1.0A
Data Rate 8.0 Gbps
Shield Type Ground Plane Shield
Shielded Yes
Voltage - Maximum 120V AC (RMS)/DC



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China RoHS
Not Compliant REACH SVHC Not Contained Per - ED/108/2014 (17 Dec 2014) 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
[75830](#) Series

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Packaging SpecificationPK-70873-563
Product SpecificationPS-75221-999-001
Sales DrawingSD-75830-310

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