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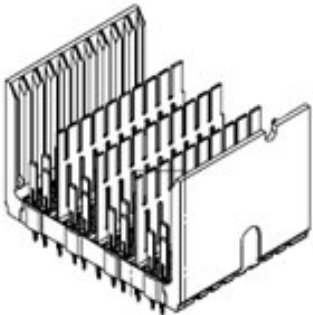
Part Number: [0758301705](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: 4-Pair GbX® Electrically Enhanced Backplane Connector System, Open Header, 56 Circuits, Gold (Au) 0.76µm, Pin Length 5.55mm

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	883906054908

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	No
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.566/g
Number of Columns	7
Number of Pairs	4
Number of Rows	13
Orientation	Vertical
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
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	-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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS 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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[75830 Series](#)

Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75830-110

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