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Part Number: [75830-1205](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 1.85mm by 1.85mm Pitch 4-Pair GbX® Electrically Enhanced Backplane Connector System, Open Header, 200 Circuits, Gold (Au) 0.76µm, Pin Length 5.55mm

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75221-999 \(PDF\)](#)

General

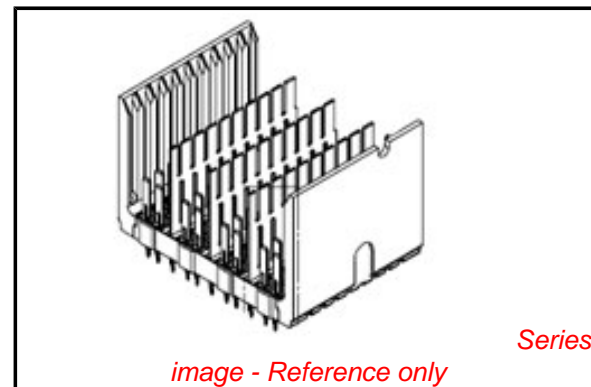
Product Family	Backplane Connectors
Series	75830
Application	Backplane
Application Tooling Documents	TM-622022099
Component Type	PCB Header
Overview	GbX® Backplane Connector System
Product Name	GbX®
Style	N/A
UPC	883906055110

Physical

Circuits (Loaded)	200
Circuits (maximum)	200
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	12.697/g
Number of Columns	25
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	No
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	1A
Data Rate	8.0 Gbps



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

75830Series

Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-75221-999
Sales Drawing	SD-75830-110

GbX is a registered trademark of Amphenol Corporation.

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