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Part Number:

75830-1105

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

1.85mm by 1.85mm Pitch 4-Pair GbX® Electrically Enhanced Backplane Connector System, Open Header, 80 Circuits, Gold (Au) 0.76µm, Pin Length 5.55mm

Documents:

Drawing (PDF)

Product Specification PS-75221-999 (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®

Style

N/A

UPC

883906054892

Physical

Circuits (Loaded)

80

Circuits (maximum)

80

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

5.123/g

Number of Columns

10

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

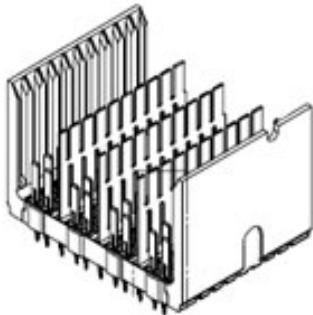


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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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