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Part Number:

0752354135

Status:

Active - Custom

Overview:

gbx_backplane_connector_system

Description:

1.85mm by 1.85mm (.073 by .073") Pitch 4-Pair GbX® Backplane Connector System, Right Guide Header, 80 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 5.55mm (.219")

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75221-999 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75235

Application

Backplane

Application Tooling Documents

Tooling Manual

Comments

Right Guide Header, Keying Position C

Component Type

PCB Header

Overview

gbx_backplane_connector_system

Product Name

GbX®

Style

N/A

Physical

Circuits (Loaded)

80

Circuits (maximum)

80

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

Yes

Keying to Mating Part

Yes

Number of Columns

10

Number of Pairs

4

Number of Rows

8

Orientation

Vertical

PC Tail Length

2.20mm (.087")

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm (.063")

Packaging Type

Tray

Pitch - Mating Interface

1.85mm (.073")

Pitch - Termination Interface

1.85mm (.073")

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

105°C

Electrical

Current - Maximum per Contact

1A

Data Rate

8.0 Gbps

Real Signals (per 25mm)

108

Shield Type

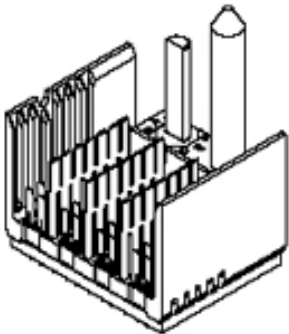
Ground Plane Shield

Shielded

Yes

Voltage - Maximum

120V AC (RMS)/DC



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS

50

Pb

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
75235Series

Mates With
75220 GbX® Daughtercard

Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Insertion Tool, GbX®	0622022000
4 pair by 10 wide	
Insertion Tool, GbX®	0622022010
4 pair by 20 wide	
GbX® Single Pin	0622022090
Repair Tool	
GbX® Shield	0622022100
Removal Tool	

Material Info

Reference - Drawing Numbers

Product Specification	PS-75221-999
Sales Drawing	SD-75235-410

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