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Part Number:

0752354104

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

4-Pair GbX® Backplane Connector System, Right Guide Header, 80 Circuits, Gold (Au)
0.76µm, Pin Length 4.55mm

Documents:

3D Model

Packaging Specification PK-70873-563 (PDF)

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

TM-622022099

Comments

Right Guide Header, No Keying Position

Component Type

PCB Header

Overview

GbX® Backplane Connector System

Product Name

GbX®

UPC

822348722426

Physical

Circuits (Loaded)

80

Circuits (maximum)

80

Color - Resin

Gray (Dark)

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

Yes

Keying to Mating Part

None

Material - Metal

High Performance Alloy (HPA), Stainless Steel

Material - Plating Mating

Gold

Material - Plating Termination

Tin-Lead

Material - Resin

High Temperature Thermoplastic

Net Weight

8.596/g

Number of Columns

10

Number of Pairs

4

Number of Rows

8

Orientation

Vertical

PC Tail Length

2.20mm

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)

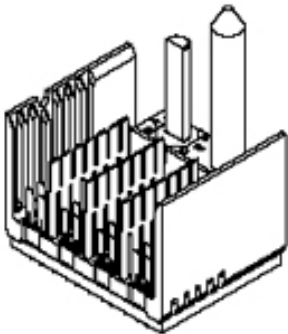
Yes

Temperature Range - Operating

105°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

75235 Series

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 #

Single Pin Repair Tool

0622022090

Shield Removal Tool

0622022100

Insertion Tool, 4-pair by 10-Wide

0622022000

Insertion Tool, 4-pair by 20-Wide

0622022010

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	108
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999
Sales Drawing	SD-75235-410

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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