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Part Number:

0759540104

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

GbX® 5 Pair Open-End Backplane Assembly, 100 Circuits, 10 Columns, Pin Length 4.55mm

Documents:

3D Model

Packaging Specification PK-70873-565 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75954

Application

Backplane

Application Tooling Documents

TM-622022099

Component Type

PCB Header

Overview

GbX® Backplane Connector System

Product Name

GbX®

UPC

884982119253

Physical

Circuits (Loaded)

100

Circuits (maximum)

100

Color - Resin

Gray

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

Keying to Mating Part

None

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

6.088/g

Number of Columns

10

Number of Pairs

5

Number of Rows

16

Orientation

Vertical

PC Tail Length

2.30mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

1.35mm, 2.10mm

Pitch - Termination Interface

1.35mm, 2.10mm

Stackable

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

105°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

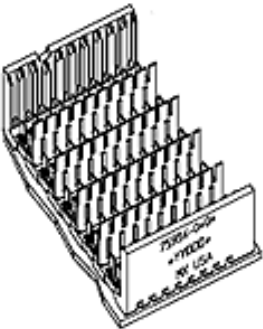
1.0A

Data Rate

10.0 Gbps

Shield Type

Ground Plane Shield



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

Green Image

ELV

Not Relevant

Search Parts in this Series

75954 Series

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-70873-565
Sales Drawing	SD-75954-010

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