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Part Number:

0766801006

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ NXT Right-Angle Daughtercard Module, 1.85mm by 3.70mm Pitch, Unguided, 11 Rows, 6 Columns, 132 Circuits

Documents:

3D Model

Packaging Specification PK-70873-609 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75710-999 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76680

Application

Coplanar, Daughtercard

Component Type

PCB Receptacle

Overview

GbX I-Trac™ Backplane Connector System

Product Name

GbX I-Trac™

UPC

883906577452

Physical

Circuits (Loaded)

132

Circuits (maximum)

132

Color - Resin

Black

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

17.549/g

Number of Columns

6

Number of Pairs

Open Pin Field

Number of Rows

11

Orientation

Right Angle

PC Tail Length

1.30mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.00mm

Packaging Type

Tray

Pitch - Mating Interface

1.85mm, 3.70mm

Pitch - Termination Interface

1.00mm, 2.70mm

Plating min - Mating

0.762µm

Plating min - Termination

0.762µm

Polarized to PCB

Yes

Stackable

Yes

Surface Mount Compatible (SMC)

Yes

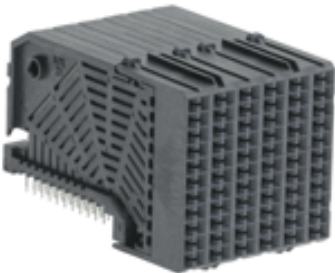
Temperature Range - Operating

-55°C to +80°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

76680 Series

Mates With

75705-1603 GbX I-Trac™ Vertical Header

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-609
Product Specification	PS-75710-999
Sales Drawing	SD-76680-001

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