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Part Number:

0760201010

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Unguided, 7 Row, 10 Columns, 140 Circuits, Lead-Free

Documents:

3D Model

Packaging Specification PK-70873-607-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75710-999-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76020

Application

Coplanar, Daughtercard

Component Type

PCB Receptacle

Overview

GbX I-Trac Backplane Connector System

Product Name

GbX I-Trac

UPC

822350809184

Physical

Circuits (Loaded)

140

Circuits (maximum)

140

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

15.520/g

Number of Columns

10

Number of Pairs

4, Open Pin Field

Number of Rows

7

Orientation

Right Angle

PC Tail Length

2.00mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

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

No

Stackable

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-55° to +80°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
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Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76020 Series

Mates With

76015 GbX I-Trac Vertical Header Module.
76011 GbX I-Trac Right Angle Header
Module

Use With

78234 GbX I-Trac Right Angle Power
Header. 76153 Pirate Cannon Wide Guide
Module

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	48
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-70873-607-001
Product Specification	PS-75710-999-001
Sales Drawing	SD-76020-001-001

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