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Part Number:

0760401008

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Unguided, 15 Rows, 8 Columns, 240 Circuits

Documents:

3D Model

Packaging Specification PK-70873-608 (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

76040

Application

Coplanar, Daughtercard

Component Type

PCB Receptacle

Overview

GbX I-Trac Backplane Connector System

Product Name

GbX I-Trac

UPC

822350894487

Physical

Circuits (Loaded)

240

Circuits (maximum)

240

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

31.674/g

Number of Columns

8

Number of Pairs

8, Open Pin Field

Number of Rows

15

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

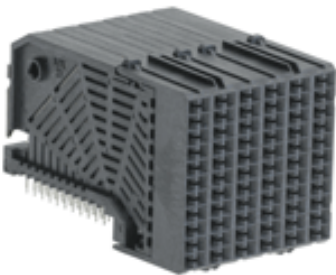
Temperature Range - Operating

-55° to +80°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

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

76040 Series

Mates With

76035 GbX I-Trac Vertical Header Module

Use With

78239 GbX I-Trac Right Angle Power Header. 76153 Pirate Cannon Wide Guide Module

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 #
GbX I-Trac Daughter Card Press-In Tool	622018622
Daughter Card	622023000
Signal Module	
Removal Tool	

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	101
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-608
Product Specification	PS-75710-999-001
Sales Drawing	SD-76040-001

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