

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0760205006

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Right Guide 7 Row, 6 Columns, 84 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

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

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

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Component Type

Data Rate

Overview

Product Name

Taxonomy

UPC

Backplane Connectors

76020

Coplanar, Daughtercard

PCB Receptacle

12.0 Gbps

GbX I-Trac Backplane Connector System

GbX I-Trac

Backplane Connectors

822350887618

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

84

84

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

12.294/g

6

4, Open Pin Field

7

Right Angle

2.00mm

Yes

Yes

1.60mm

Tray

1.85mm, 3.70mm

1.00mm, 2.70mm

0.762µm

0.762µm

Yes

No

Yes

-55° to +80°C

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

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

Electrical

Current - Maximum per Contact	1.0A
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-76020-004-001

This document was generated on 01/02/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION