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Part Number:

0782342033

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Header with Right Hold Down, Power Module, 4 Blades, 80 Amps, 2 Ganged Modules, Lead-Free

Documents:

3D Model

Application Specification AS-78231-007-001 (PDF)

Drawing (PDF)

Packaging Specification PK-78234-001 (PDF)

Product Specification PS-78231-006-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

78234

Application

Daughtercard

Component Type

Power Header

Overview

GbX I-Trac Backplane Connector System

Product Name

GbX I-Trac

UPC

883906913212

Physical

Circuits (Loaded)

4

Circuits (maximum)

4

Circuits Detail

80 Amps (40/Split Blade). Power Module 1: Blade Length P1, 6.77mm; P2, 9.77mm. Power Module 2: Blade Length P1, 6.77mm; P2, 9.77mm

Color - Resin

Black

Durability (mating cycles max)

100

First Mate / Last Break

Yes

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

Number of Columns

1

Number of Pairs

6

Number of Rows

2

Orientation

Right Angle

PC Tail Length

2.41mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

2.00mm, 7.40mm

Pitch - Termination Interface

2.00mm, 7.40mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to PCB

Yes

Stackable

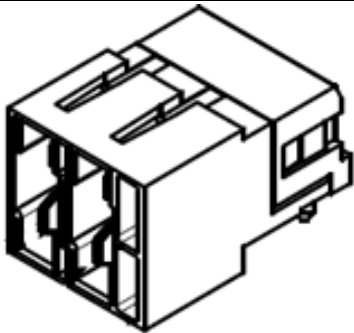
No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-20° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Relevant

China RoHS

REACH SVHC

Not Relevant

Halogen-Free

Status

Not Relevant

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

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Relevant

Search Parts in this Series

78234 Series

Mates With

78232 GbX I-Trac Vertical Receptacle, Power Module, 78235 GbX I-Trac Power Right Angle Receptacle

Use With

75710 GbX I-Trac Right Angle, 11 Row Receptacle 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 # |
|-------------|-----------|
|-------------|-----------|

|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| Press-in Tool for Right-Angle Power Receptacle and Header for 11-Row | 622018628 |
|----------------------------------------------------------------------|-----------|

|                                    |                              |
|------------------------------------|------------------------------|
| Termination Interface: Style       | Through Hole - Compliant Pin |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 80.0A                        |
| Data Rate                          | 12.0 Gbps                    |
| Shield Type                        | N/A                          |
| Shielded                           | No                           |
| Voltage - Maximum                  | 250V DC                      |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Application Specification          | AS-78231-007-001             |
| Packaging Specification            | PK-78234-001                 |
| Product Specification              | PS-78231-006-001             |
| Sales Drawing                      | SD-78234-003                 |

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