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Part Number:

0782271001

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Vertical Receptacle, Power Module, 2 Blades, 40 Amps, Lead-Free

Documents:

3D Model

Packaging Specification PK-78227-001 (PDF)

Drawing (PDF)

Packaging Specification PK-78227-002 (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

78227

Application

Backplane, Midplane

Component Type

Power Receptacle

Overview

GbX I-Trac Backplane Connector System

Product Name

GbX I-Trac

UPC

822350961400

Physical

Circuits (Loaded)

4

Circuits (maximum)

4

Circuits Detail

40 Amps (20/Split Blade)

Color - Resin

Black

Durability (mating cycles max)

100

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

1.585/g

Number of Columns

1

Number of Pairs

4

Number of Rows

2

Orientation

Vertical

PC Tail Length

2.41mm

PCB Locator

No

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

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-20° to +85°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

40.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per  
-ED/88/2018 (15  
January 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

78227 Series

Mates With

78229 GbX I-Trac Right Angle Header with  
Right Hold Down

Use With

76015 GbX I-Trac Vertical, 7 Row Header  
Module

|                                    |                            |
|------------------------------------|----------------------------|
| Data Rate                          | 12.0 Gbps                  |
| Shield Type                        | N/A                        |
| Shielded                           | No                         |
| Voltage - Maximum                  | 250V DC                    |
| <b>Solder Process Data</b>         |                            |
| Lead-freeProcess Capability        | N/A                        |
| <b>Material Info</b>               |                            |
| <b>Reference - Drawing Numbers</b> |                            |
| Packaging Specification            | PK-78227-001, PK-78227-002 |
| Product Specification              | PS-78231-006-001           |
| Sales Drawing                      | SD-78227-011               |

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