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Part Number:

0782371001

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Vertical Receptacle, Power Module, 3 Blades, 90 Amps, Lead-Free

Documents:

3D Model

Packaging Specification PK-78237-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

78237

Application

Backplane, Midplane

Component Type

Power Receptacle

Overview

GbX I-Trac Backplane Connector System

Product Name

GbX I-Trac

UPC

822350928267

Physical

Circuits (Loaded)

6

Circuits (maximum)

6

Circuits Detail

90 Amps (30/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

3.522/g

Number of Columns

1

Number of Pairs

8

Number of Rows

3

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

90.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

78237 Series

Mates With

78239 GbX I-Trac Vertical Power Header

With Hold Down

Use With

76035 GbX I-Trac Vertical, 15 Row Header

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 Vertical Power Receptacle for 15-Row	622018632
Support Tool for Vertical Power	622018635

Data Rate	12.0 Gbps	Module for 15-Row Receptacle
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	250V DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-78237-001	
Product Specification	PS-78231-006-001	
Sales Drawing	SD-78237-011	

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