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Part Number:

78227-1001

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

Drawing (PDF)

Product Specification PS-78231-006 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

Style

UPC

Backplane Connectors

78227

Backplane, Midplane

Power Receptacle

GbX I-Trac™ Backplane Connector System

GbX I-Trac™

N/A

822350961400

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

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

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

4

4

40 Amps (20/Split Blade)

Black

100

No

94V-0

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

1.581/g

1

4

2

Vertical

2.41mm

No

Yes

1.60mm

Tray

2.00mm, 7.40mm

2.00mm, 7.40mm

No

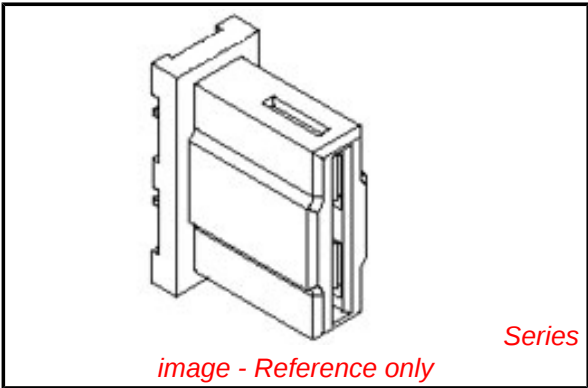
No

Yes

-20°C to +85°C

Through Hole - Compliant Pin

Electrical



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

78227Series

Mates With

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

Use With

76015 GbX I-Trac™ Vertical, 7 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 7-Row

0622018630

Current - Maximum per Contact	40A	Support Tool for	<u>0622018633</u>
Data Rate	12.0 Gbps	Vertical Power	
Shield Type	N/A	Module for 7-Row	
Shielded	No	Receptacle	
Voltage - Maximum	250V DC		
Material Info			
Reference - Drawing Numbers			
Product Specification	PS-78231-006		
Sales Drawing	SD-78227-011		

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