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Part Number:

0782341001

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Header with Left Hold Down, Power Module, 2 Blades, 80 Amps, 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

883906023331

Physical

Circuits (Loaded)

2

Circuits (maximum)

2

Circuits Detail

80 Amps (40/Split Blade). Power Module 1: Blade Length P1, 8.27mm; P2, 8.27mm

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

10.495/g

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

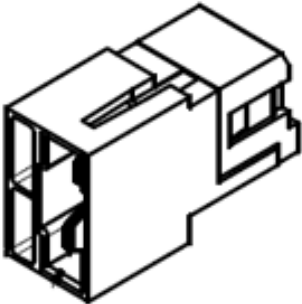
No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-20° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

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

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
Electrical	
Current - Maximum per Contact	80.0A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
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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