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Part Number:

0782342001

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

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

Documents:

3D Model

Application Specification AS-78231-007 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-78231-006 (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

883906023348

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°C to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

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

Press-in Tool for Right Angle Power

Product #

0622018628

Termination Interface: Style	Through Hole - Compliant Pin	Receptacle and Header for 11-Row
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	
Product Specification	PS-78231-006	
Sales Drawing	SD-78234-003	

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