

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0782292003

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Right-Angle Header with Right Hold Down, Power Module, 2 Blades, 40 Amps

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

78229

Application

Daughtercard

Component Type

Power Header

Overview

GbX I-Trac™ Backplane Connector System

Product Name

GbX I-Trac™

UPC

883906207298

Physical

Circuits (Loaded)

2

Circuits (maximum)

2

Circuits Detail

40 Amps (20/Split Blade). Power Module 1 Blade

Color - Resin

Black

Durability (mating cycles max)

100

First Mate / Last Break

Yes

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

5.791/g

Number of Columns

1

Number of Pairs

4

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

Polarized to PCB

Yes

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-20°C to +85°C

Termination Interface: Style

Through Hole - Compliant Pin



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

78229 Series

Mates With

78227 GbX I-Trac™ Vertical Receptacle, Power Module. 78230 GbX I-Trac™ Power Receptacle

Use With

76020 GbX I-Trac™ Right Angle, 7 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 #

0622018627

		Receptacle and Header for 7-Row
Electrical		
Current - Maximum per Contact	40.0A	
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-78229-003	

This document was generated on 06/24/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION