

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0782292033](#)
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, 2 Ganged Modules, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-78231-006-001 \(PDF\)](#)
[Application Specification AS-78231-007-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

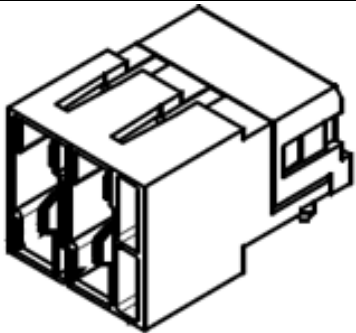
General

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 883906023386

Physical

Circuits (Loaded) 4
Circuits (maximum) 4
Circuits Detail 40 Amps (20/Split Blade). Power Module 1 Blade Length P1, 6.77mm; P2, 9.77mm. Power Module 2 Blade Length P1, 6.77mm; P2, 9.77mm

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 9.782/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° to +85°C
Termination Interface: Style Through Hole - Compliant Pin



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

[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

Product #

Press-in Tool for [622018627](#)
Right-Angle Power 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-78231-007-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78229-003

This document was generated on 03/05/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[78229-2033](#)