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Part Number: [78229-2001](#)
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, 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

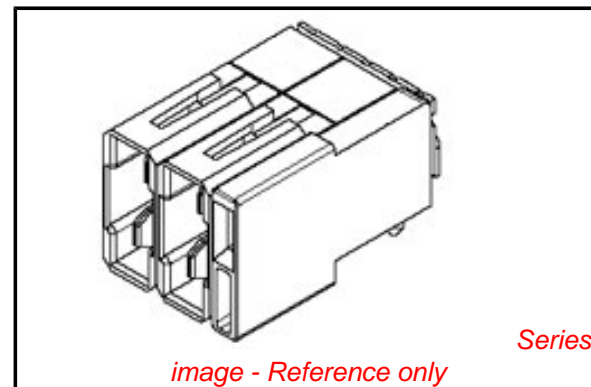
CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [78229](#)
 Application Daughtercard
 Component Type Power Header
 Overview [GbX I-Trac™ Backplane Connector System](#)
 Product Name GbX I-Trac™
 Style N/A
 UPC 883906023379

Physical

Circuits (Loaded) 2
 Circuits (maximum) 2
 Circuits Detail 40 Amps (20/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 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



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

[78229Series](#)

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 Right Angle Power Receptacle and Header for 7-Row	0622018627

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

40A

Data Rate

12.0 Gbps

Shield Type

N/A

Shielded

No

Voltage - Maximum

250V DC

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 04/05/2013

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