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Part Number: [78229-1002](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Right-Angle Header with Left Hold Down, Power Module, 2 Blades, 40 Amps, Lead-Free

Documents:

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

Agency Certification

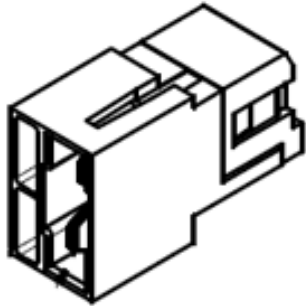
CSA LR19980
UL E29179

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™
Style N/A
UPC 883906023355

Physical

Circuits (Loaded) 2
Circuits (maximum) 2
Circuits Detail 40 Amps (20/Split Blade). Power Module 1 Blade
Length P1, 8.27mm; 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 5.835/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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
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

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