

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0782291033](#)  
**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, 2 Ganged Modules, Lead-Free

**Documents:**

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

**Agency Certification**

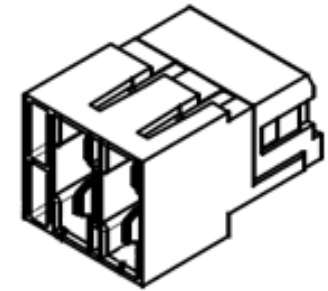
CSA LR19980  
 UL E29179

**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 883906023362

**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**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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

**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-free Process Capability	N/A
------------------------------	-----

**Material Info****Reference - Drawing Numbers**

Application Specification	AS-78231-007-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78229-003-001

This document was generated on 09/21/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [High Speed/Modular Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[650827-1](#) [74040-1346](#) [1410191-1](#) [1410337-1](#) [1410368-3](#) [1410964-2](#) [1410326-3](#) [1410367-3](#) [1410971-4](#) [1467833-1](#) [2000877-1](#) [2000878-1](#)  
[2041314-1](#) [2065387-1](#) [2187307-1](#) [163P](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [22354-8](#) [437-5040-000](#) [5-](#)  
[1393565-0](#) [039-0246-000](#) [0761601016](#) [0784461022](#) [10123159-12ELF](#) [030-2415-003/100 PK](#) [030-7380-004](#) [030-2494-001](#) [532939-1](#)  
[5532901-3](#) [3-1469268-7](#) [74748-102LF](#) [73670-0247](#) [10041743-101LF](#) [10066670-100002LF](#) [1-533915-1](#) [249-4515-000](#) [7-1469373-3](#) [DL2-](#)  
[2J/S](#) [2000713-8](#) [2000713-7](#) [10124313-101LF](#) [3011-21](#) [757105208](#) [EBTF-4-10-2.0-S-RA-1](#) [430305-001](#)