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Part Number: [0782291001](#)
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](#) [Application Specification AS-78231-007-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78231-006-001 \(PDF\)](#)

Agency Certification

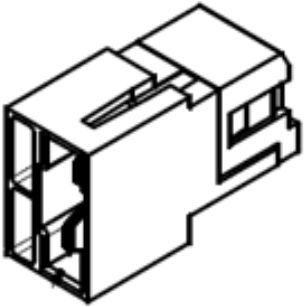
CSA LR19980
UL E29179

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 883906551803

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 N/A
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/30/2017 (7 July
2017)

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
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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 02/20/2019

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