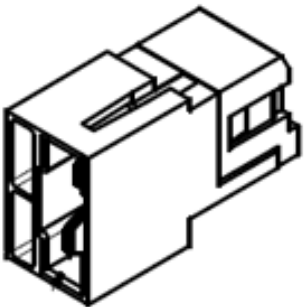


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Part Number: [0782291002](#)
Status: **Active**
Overview: [GbX I-Trac Backplane Connector System](#)
Description: GbX I-Trac Right-Angle Header with Left Hold Down, Power Module, 2 Blades, 40 Amps, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-78231-006-001 \(PDF\)](#)
[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	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° 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 -ED/88/2018 (15 January 2019) Halogen-Free Status Low-Halogen	China RoHS
For more information, please visit Contact US	
China ROHS ELV RoHS Phthalates	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-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 07/15/2019

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