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Part Number: [78234-1002](#)
Status: **Active**
Overview: [GbX I-Trac™ Backplane Connector System](#)
Description: GbX I-Trac™ Right Angle Header with Left Hold Down, Power Module, 2 Blades, 80 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 [78234](#)
Application Daughtercard
Component Type Power Header
Overview [GbX I-Trac™ Backplane Connector System](#)
Product Name GbX I-Trac™
Style N/A
UPC 883906208202

Physical

Circuits (Loaded) 2
Circuits (maximum) 2
Circuits Detail 80 Amps (40/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 10.577/g
Number of Columns 1
Number of Pairs 6
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
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to PCB Yes
Stackable No

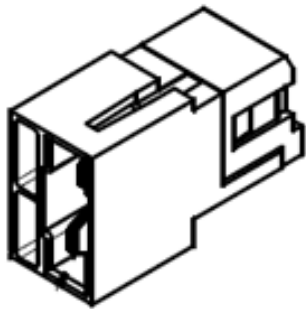


image - Reference only

Series

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
[78234Series](#)

Mates With
[78232](#) GbX I-Trac™ Vertical Receptacle, Power Module, [78235](#) GbX I-Trac™ Power Right Angle Receptacle

Use With
[75710](#) GbX I-Trac™ Right Angle, 11 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 11-Row	0622018628

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	80A
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-78234-003

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