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Part Number: [0782321001](#)
Status: **Active**
Overview: [GbX I-Trac Backplane Connector System](#)
Description: [GbX I-Trac Vertical Receptacle, Power Module, 2 Blades, 80 Amps, Lead-Free](#)

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-78231-006-001 \(PDF\)](#)
[Packaging Specification PK-78232-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980
UL E29179

General
Product Family Backplane Connectors
Series [78232](#)
Application Backplane, Midplane
Component Type Power Receptacle
Overview [GbX I-Trac Backplane Connector System](#)
Product Name GbX I-Trac
UPC 822350856553

Physical
Circuits (Loaded) 4
Circuits (maximum) 4
Circuits Detail 80 Amps (40/Split Blade)
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 2.676/g
Number of Columns 1
Number of Pairs 6
Number of Rows 2
Orientation Vertical
PC Tail Length 2.41mm
PCB Locator No
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 No
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -20° to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical
Current - Maximum per Contact 80.0A



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/61/2018 (27 June
2018)
Halogen-Free
Status
Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
Prop65	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
[78232](#) Series

Mates With
[78234](#) GbX I-Trac Right Angle Header,
Power Module

Use With
[75705](#) GbX I-Trac Vertical, 11 Row Header
Module

Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-78232-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78232-011

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