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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

Packaging Specification PK-78232-001-001 (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	78232
Application	Backplane, Midplane
Component Type	Power Receptacle
Data Rate	12.0 Gbps
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
Taxonomy	Backplane Connectors
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

78232 Series

Mates With

78234 GbX I-Trac Right Angle Header, Power Module

Use With

75705 GbX I-Trac Vertical, 11 Row Header 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 #
Support Tool for Vertical Power Module for 11-Row Receptacle	622018634

Electrical

Current - Maximum per Contact	80.0A
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

Packaging Specification	PK-78232-001-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78232-011-001

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