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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

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
Data Rate	12.0 Gbps
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
Taxonomy	Backplane Connectors
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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

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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

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	40.0A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-78231-007-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78229-003-001

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