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Part Number:

0782342001

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Header with Right Hold Down, Power Module, 2 Blades, 80 Amps, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-78231-006-001 (PDF)

Application Specification AS-78231-007-001 (PDF)

Packaging Specification PK-78234-001 (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
UPC	883906023348
Physical	
Circuits (Loaded)	2
Circuits (maximum)	2
Circuits Detail	80 Amps (40/Split Blade). Power Module 1: Blade Length P1, 8.27mm; P2, 8.27mm
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	10.495/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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20° to +85°C



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/88/2018 (15	
January 2019)	
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

78234 Series

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	622018628

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	80.0A
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	
Application Specification	AS-78231-007-001
Packaging Specification	PK-78234-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78234-003

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