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Part Number:

0782342003

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	883906278434
Physical	
Circuits (Loaded)	2
Circuits (maximum)	2
Circuits Detail	80 Amps (40/Split Blade). Power Module 1: Blade Length P1, 6.77mm; 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	10.495/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°C to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/01/2018 (15

January 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

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 #

Termination Interface: Style	Through Hole - Compliant Pin	Press-in Tool for Right Angle Power Receptacle and Header for 11-Row
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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