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Part Number: 0760201006

Status: Active

Overview: GbX I-Trac Backplane Connector System

Description: GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Unguided, 7 Row, 6 Columns, 84 Circuits, Lead-Free

Documents:

3D Model	Packaging Specification PK-70873-607-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-75710-999-001 (PDF)	

Agency Certification

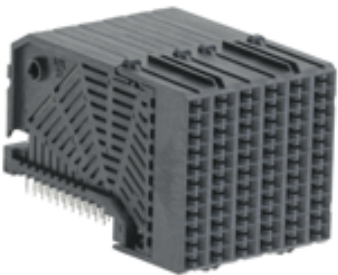
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General

Product Family	Backplane Connectors
Series	76020
Application	Coplanar, Daughtercard
Component Type	PCB Receptacle
Data Rate	12.0 Gbps
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
Taxonomy	Backplane Connectors
UPC	822350885188

Physical

Circuits (Loaded)	84
Circuits (maximum)	84
Color - Resin	Black
Durability (mating cycles max)	200
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	9.344/g
Number of Columns	6
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Right Angle
PC Tail Length	2.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.85mm, 3.70mm
Pitch - Termination Interface	1.00mm, 2.70mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +80°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant	China RoHS
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
[76020](#) Series

Mates With
[76015](#) GbX I-Trac Vertical Header Module.
[76011](#) GbX I-Trac Right Angle Header
Module

Use With
[78234](#) GbX I-Trac Right Angle Power
Header. [76153](#) Pirate Cannon Wide Guide
Module

Electrical

Current - Maximum per Contact	1.0A
Real Signals (per 25mm)	48
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-607-001
Product Specification	PS-75710-999-001
Sales Drawing	SD-76020-001-001

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