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Part Number:

0760403009

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Left Guide, 15 Rows, 9 Columns, 270 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75710-999-001 (PDF)

Packaging Specification PK-70873-608 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76040
Application	Coplanar, Daughtercard
Component Type	PCB Receptacle
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	822350969352

Physical	
Circuits (Loaded)	270
Circuits (maximum)	270
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
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	43.862/g
Number of Columns	9
Number of Pairs	8, Open Pin Field
Number of Rows	15
Orientation	Right Angle
PC Tail Length	2.00mm
PCB Locator	Yes
PCB Retention	Yes
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	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 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

76040 Series

Mates With

76035 GbX I-Trac Vertical Header Module

Use With

78239 GbX I-Trac Right Angle Power Header. 76153 Pirate Cannon Wide Guide 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 Receptacle 15-Row, 9-Column	622018623

Current - Maximum per Contact	1.0A	Daughter Card	<u>622023000</u>
Data Rate	12.0 Gbps	Signal Module	
Real Signals (per 25mm)	101	Removal Tool	
Shield Type	N/A		
Shielded	No		
Voltage - Maximum	120V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-608		
Product Specification	PS-75710-999-001		
Sales Drawing	SD-171910-0001, SD-171910-0002, SD-76040-002		

This document was generated on 10/22/2019

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