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Part Number: 0766801006

Status: Active

Overview: GbX I-Trac Backplane Connector System

Description: GbX I-Trac NXT Right-Angle Daughtercard Module, 1.85mm by 3.70mm Pitch,

Unguided, 11 Rows, 6 Columns, 132 Circuits

Documents:

<u>3D Model</u> <u>Product Specification PS-75710-999-001 (PDF)</u> <u>3D Model (PDF)</u> <u>Packaging Specification PK-70873-609-001 (PDF)</u>

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family Backplane Connectors

Series <u>76680</u>

Application Coplanar, Daughtercard

Component Type PCB Receptacle

Overview GbX I-Trac Backplane Connector System

Product Name GbX I-Trac UPC 883906577452

Physical

Circuits (Loaded) 132
Circuits (maximum) 132
Color - Resin Black
Durability (mating cycles max) 200

First Mate / Last Break
Plammability
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 17.549/g

Number of Columns 6

Number of Pairs Open Pin Field

Number of Rows

Orientation Right Angle
PC Tail Length 1.30mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.00mm
Packaging Type Tray

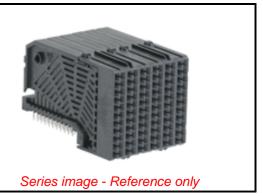
Pitch - Mating Interface 1.85mm, 3.70mm Pitch - Termination Interface 1.00mm, 2.70mm

Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Polarized to PCB Yes
Stackable Yes
Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -55° to +80°C

Termination Interface: Style Through Hole - Compliant Pin

Electrical



EU ELV Not Relevant

EU RoHS China RoHS

Compliant REACH SVHC Not Contained Per -D(2021)4569-DC (8 July 2021)

<u>Halogen-Free</u> 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

76680 Series

Mates With

757051603 GbX I-Trac Vertical Header

Current - Maximum per Contact
Data Rate
12.0 Gbps
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-70873-609-001
Product Specification PS-75710-999-001
Sales Drawing SD-76680-001-001

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