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Part Number: [0766803010](#)
Status: **Active**
Overview: [GbX I-Trac Backplane Connector System](#)
Description: GbX I-Trac NXT Right-Angle Daughtercard Module, 1.85mm by 3.70mm Pitch, Left Guide, 11 Rows, 10 Columns, 220 Circuits

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-609 \(PDF\)](#)
[Product Specification PS-75710-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [76680](#)
Application Coplanar, Daughtercard
Component Type PCB Receptacle
Overview [GbX I-Trac Backplane Connector System](#)
Product Name GbX I-Trac
UPC 883906882051

Physical

Circuits (Loaded) 220
Circuits (maximum) 220
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 28.720/g
Number of Columns 10
Number of Pairs Open Pin Field
Number of Rows 11
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

Current - Maximum per Contact 1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[76680](#) Series

Mates With

[757053103](#) GbX I-Trac Vertical Header

Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-609
Product Specification	PS-75710-999-001
Sales Drawing	SD-76680-002

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