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Part Number: 0766805006
Status: Active
Overview: GbX I-Trac Backplane Connector System
Description: GbX I-Trac NXT Right-Angle Daughtercard Module, 1.85mm by 3.70mm Pitch, Right Guide, 11 Rows, 6 Columns, 132 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75710-999-001 \(PDF\)](#)
[Packaging Specification PK-70873-609 \(PDF\)](#)
[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 883906577476

Physical
Circuits (Loaded) 132
Circuits (maximum) 132
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 22.846/g
Number of Columns 6
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



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	Green Image Not Relevant Not Contained

Search Parts in this Series
76680 Series

Mates With
757055603 GbX I-Trac Vertical Header

Current - Maximum per Contact	1.0A
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
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-609
Product Specification	PS-75710-999-001
Sales Drawing	SD-76680-004

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