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Part Number: 0766803058
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 with ESD Clip, 11 Rows, 8 Columns, 176 Circuits



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-75710-999 (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	883906882112
Physical	
Circuits (Loaded)	176
Circuits (maximum)	176
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	24.497/g
Number of Columns	8
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°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A

EU ELV
Not Reviewed

EU RoHS
Not Reviewed

China RoHS

REACH SVHC
Not Reviewed

Halogen-Free Status
Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Reviewed

Search Parts in this Series
76680 Series

Mates With
75705-3803 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
Sales Drawing	SD-76680-002

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