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**Part Number:** [75705-7608](#)  
**Status:** **Active**  
**Overview:** GbX I-Trac™ Backplane Connector System  
**Description:** GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Endwall, 11 Rows, 6 Columns, 132 Circuits, Staggered Mating Pin Length 5.70mm

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75710-999 \(PDF\)](#)

**General**

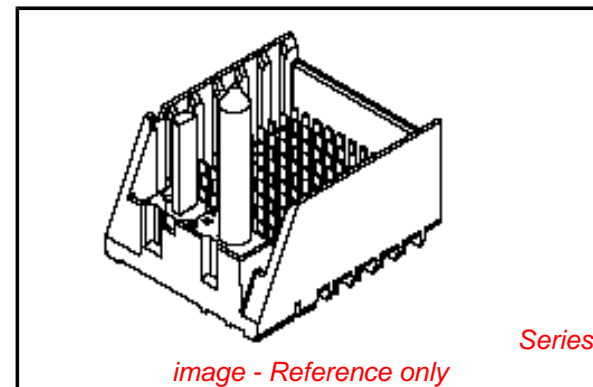
Product Family	Backplane Connectors
Series	<a href="#">75705</a>
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	<a href="#">GbX I-Trac™ Backplane Connector System</a>
Product Name	GbX I-Trac™
Style	N/A
UPC	887191090108

**Physical**

Circuits (Loaded)	132
Circuits (maximum)	132
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
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	8.718/g
Number of Columns	6
Number of Pairs	6, Open Pin Field
Number of Rows	11
Orientation	Vertical
PC Tail Length	2.10mm
PCB Locator	No
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	0.254µm
Plating min - Termination	0.254µm
Polarized to PCB	No
Stackable	No
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	1A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	148



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[75705Series](#)

**Mates With**

[75710](#) GbX I-Trac™ Right Angle Receptacle Module

**Use With**

[78232](#) GbX I-Trac™ Vertical Power Receptacle. [75234](#) Backplane Free Standing Guide Pin

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-75710-999
Sales Drawing	SD-75705-002

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