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Part Number:

0757059505

Status:

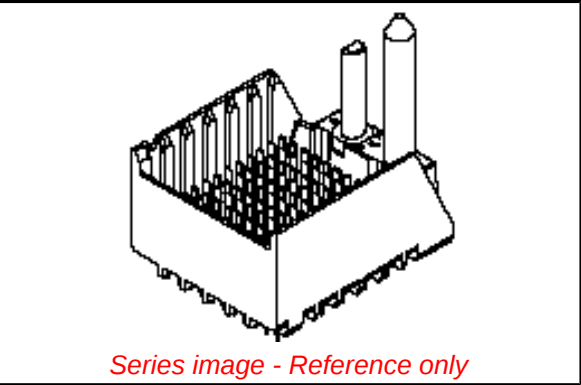
Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Right Guide, Left Endwall, 11 Rows, 5 Columns, 110 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm, Lead-Free



Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75705
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
UPC	800756893402
Physical	
Circuits (Loaded)	110
Circuits (maximum)	110
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
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	7.925/g
Number of Columns	5
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	0.762µm
Plating min - Termination	0.762µm
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	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

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

Green Image

ELV

Not Relevant

Search Parts in this Series

75705 Series

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

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
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Current - Maximum per Contact	1.0A	Backplane Insertion	<u>0621005110</u>
Data Rate	12.0 Gbps	Tool for Signal	
Real Signals (per 25mm)	148	Contact Insertion	
Shield Type	N/A	Press-In Tool	<u>0622018601</u>
Shielded	No	Vertical Header 11-	
Voltage - Maximum	120V AC (RMS)/DC	Row, 5-Column	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Sales Drawing	SD-75705-004		

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