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Part Number:

76040-1009

Status:

Active

Overview:

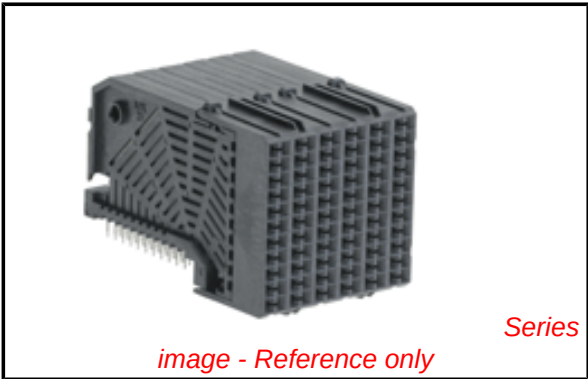
GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Unguided, 15 Rows, 9 Columns, 270 Circuits

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Documents:                    |                                                          |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-75710-999 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                |                                        |
|--------------------------------|----------------------------------------|
| Agency Certification           |                                        |
| UL                             | E29179                                 |
| General                        |                                        |
| Product Family                 | Backplane Connectors                   |
| Series                         | 76040                                  |
| Application                    | Coplanar, Daughtercard                 |
| Component Type                 | PCB Receptacle                         |
| Overview                       | GbX I-Trac™ Backplane Connector System |
| Product Name                   | GbX I-Trac™                            |
| Style                          | N/A                                    |
| UPC                            | 822350969345                           |
| Physical                       |                                        |
| Circuits (Loaded)              | 270                                    |
| Circuits (maximum)             | 270                                    |
| Color - Resin                  | Black                                  |
| Durability (mating cycles max) | 200                                    |
| First Mate / Last Break        | No                                     |
| Flammability                   | 94V-0                                  |
| Guide to Mating Part           | No                                     |
| 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                     | 35.596/g                               |
| Number of Columns              | 9                                      |
| Number of Pairs                | 8, Open Pin Field                      |
| Number of Rows                 | 15                                     |
| Orientation                    | Right Angle                            |
| PC Tail Length                 | 2.00mm                                 |
| PCB Locator                    | No                                     |
| PCB Retention                  | None                                   |
| 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                      | Yes                                    |
| Surface Mount Compatible (SMC) | Yes                                    |
| Temperature Range - Operating  | -55°C to +80°C                         |
| Termination Interface: Style   | Through Hole - Compliant Pin           |



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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

76040Series

Mates With

76035 GbX I-Trac™ Vertical Header Module

Use With

78239 GbX I-Trac™ Right Angle Power Header. 76153 Pirate Cannon Wide Guide Module

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 #  |
|-----------------------------------------------------------|------------|
| Press-In Tool for Right Angle Receptacle 15-Row, 9-Column | 0622018623 |

Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1A               |
| Data Rate                     | 12.0 Gbps        |
| Real Signals (per 25mm)       | 101              |
| 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-76040-001 |

|               |                   |
|---------------|-------------------|
| Daughter Card | <u>0622023000</u> |
| Signal Module |                   |
| Removal Tool  |                   |

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