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Part Number:

5018764040

Status:

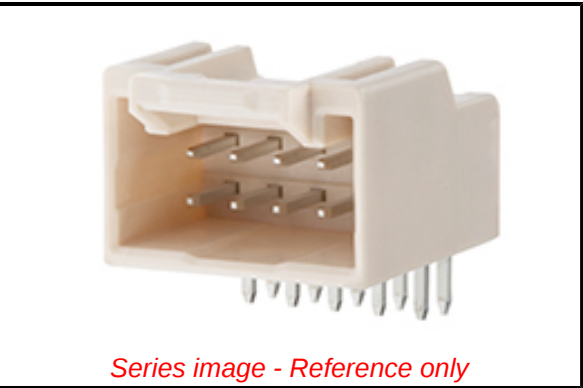
Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch iGrid Wire-to-Board Header, Dual Row, Right-Angle, Tin (Sn) Plating, 40 Circuits



Series image - Reference only

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-501646-001-001 \(PDF\)](#)

[Application Specification 5016460000-A00 \(PDF\)](#)

[Application Specification 5016460000-A01 \(PDF\)](#)

[Packaging Specification SPK-501876-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                     |
|--------------------------------|-------------------------------------|
| Agency Certification           |                                     |
| CSA                            | LR19980                             |
| UL                             | E29179                              |
| General                        |                                     |
| Product Family                 | PCB Headers                         |
| Series                         | 501876                              |
| Application                    | Signal, Wire-to-Board               |
| Overview                       | iGrid Wire-to-Board Dual-Row System |
| Product Name                   | iGrid                               |
| UPC                            | 822350171083                        |
| Physical                       |                                     |
| Breakaway                      | No                                  |
| Circuits (Loaded)              | 40                                  |
| Circuits (maximum)             | 40                                  |
| Color - Resin                  | Natural                             |
| Durability (mating cycles max) | 30                                  |
| Flammability                   | 94V-0                               |
| Glow-Wire Capable              | No                                  |
| Keying to Mating Part          | Yes                                 |
| Lock to Mating Part            | Yes                                 |
| Material - Metal               | Brass                               |
| Material - Plating Mating      | Tin                                 |
| Material - Plating Termination | Tin                                 |
| Material - Resin               | Nylon                               |
| Net Weight                     | 4286.000/mg                         |
| Number of Rows                 | 2                                   |
| Orientation                    | Right Angle                         |
| PC Tail Length                 | 3.20mm                              |
| PCB Locator                    | No                                  |
| PCB Retention                  | None                                |
| PCB Thickness - Recommended    | 1.20mm, 1.60mm                      |
| Packaging Type                 | Tray                                |
| Pitch - Mating Interface       | 2.00mm                              |
| Polarized to Mating Part       | Yes                                 |
| Polarized to PCB               | No                                  |
| Stackable                      | No                                  |
| Surface Mount Compatible (SMC) | No                                  |
| Temperature Range - Operating  | -40° to +105°C                      |
| Termination Interface: Style   | Through Hole                        |
| Electrical                     |                                     |
| Current - Maximum per Contact  | 2.0A                                |
| Voltage - Maximum              | 250V AC (RMS)/DC                    |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per                                             |               |
| -ED/88/2018 (15                                               |               |
| January 2019)                                                 |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

501876 Series

Mates With

501646 Housing, 501647 Crimp Terminal 22-26 AWG, 501648 Crimp Terminal 26-28 AWG

**Material Info**

**Reference - Drawing Numbers**

|                           |                                |
|---------------------------|--------------------------------|
| Application Specification | 5016460000-A00, 5016460000-A01 |
| Packaging Specification   | SPK-501876-001-001             |
| Product Specification     | PS-501646-001-001              |
| Sales Drawing             | SD-501876-001                  |

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