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Part Number:

5016462002

Status:

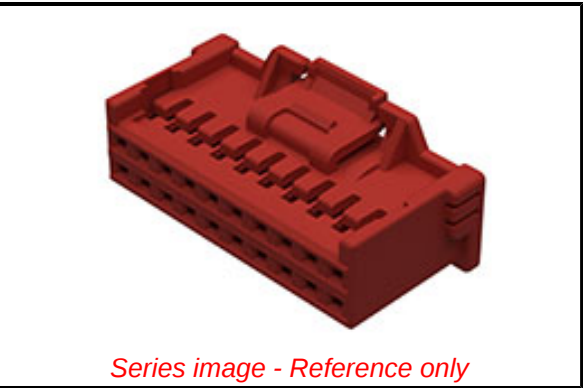
Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 20 Circuits, Red



|                                                               |                                                                |
|---------------------------------------------------------------|----------------------------------------------------------------|
| Documents:                                                    |                                                                |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 5016460000-A00 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification 5016460000-A01 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification 5016469200-200 (PDF)</a>   |
| <a href="#">Product Specification 5016460000-PS-000 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">Product Specification PS-501646-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

|                               |                                      |
|-------------------------------|--------------------------------------|
| Agency Certification          |                                      |
| CSA                           | LR19980                              |
| UL                            | E29179                               |
| General                       |                                      |
| Product Family                | Crimp Housings                       |
| Series                        | 501646                               |
| Application                   | Signal, Wire-to-Board                |
| Overview                      | iGrid Wire-to-Board Dual-Row System  |
| Product Name                  | iGrid                                |
| UPC                           | 822350100595                         |
| Physical                      |                                      |
| Circuits (maximum)            | 20                                   |
| Color - Resin                 | Red                                  |
| Flammability                  | 94V-0                                |
| Gender                        | Receptacle                           |
| Glow-Wire Capable             | No                                   |
| Keying to Mating Part         | None                                 |
| Lock to Mating Part           | Yes                                  |
| Material - Resin              | Nylon                                |
| Net Weight                    | 610.000/mg                           |
| Number of Rows                | 1                                    |
| Packaging Type                | Bag                                  |
| Panel Mount                   | No                                   |
| Pitch - Mating Interface      | 2.00mm                               |
| Pitch - Termination Interface | 2.00mm                               |
| Polarized to Mating Part      | Yes                                  |
| Stackable                     | No                                   |
| Temperature Range - Operating | -40° to +105°C                       |
| Electrical                    |                                      |
| Current - Maximum per Contact | 2.0A                                 |
| Material Info                 |                                      |
| Cross-Plant Material Status   | LT                                   |
| Reference - Drawing Numbers   |                                      |
| Application Specification     | 5016460000-A00, 5016460000-A01       |
| Packaging Specification       | 5016469200-200                       |
| Product Specification         | 5016460000-PS-000, PS-501646-001-001 |
| Sales Drawing                 | SD-501646-001                        |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)4578-DC (25 June 2020)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Not Relevant  |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

501646 Series

Mates With

iGrid Vertical Header (Tin) [501645](#) , (Gold) [503091](#) . iGrid Right-Angle Header (Tin) [501876](#) . iGrid Right-Angle Header (Gold) [208659](#)

Use With

iGrid Receptacle Terminal (Tin) 22-26 AWG [501647](#) , 26-28 AWG [501648](#) . iGrid Receptacle Terminal (Gold) [503095](#)

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