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# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:**     5016463406

**Status:**     **Active**

**Overview:**     iGrid Wire-to-Board Dual-Row System

**Description:**     2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 34 Circuits, Green


*Series image - Reference only*

## Documents:

| | |
|---|---|
| 3D Model | Product Specification PS-501646-001-001 (PDF) |
| Drawing (PDF) | Application Specification 5016460000-A00 (PDF) |
| 3D Model (PDF) | Application Specification 5016460000-A01 (PDF) |
| Product Specification 5016460000-PS-000 (PDF) | Packaging Specification 5016469200-200 (PDF) |
| Product Specification 5016461000-PS-000 (PDF) | Datasheet (PDF) |
| Product Specification 5016461001-PS-001 (PDF) | RoHS Certificate of Compliance (PDF) |

## 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 | 822350101301 |

## Physical

| | |
|---|---|
| Circuits (maximum) | 34 |
| Color - Resin | Green |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 960.000/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, 5016461000-PS-000, 5016461001-PS-001, 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**
**Low-Halogen**
For more information, please visit Contact US

| | |
|---|---|
| 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