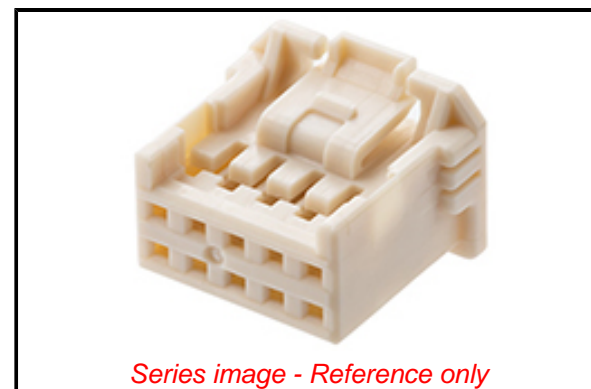


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5016461000](#)
Status: **Active**
Overview: iGrid Wire-to-Board Dual-Row System
Description: 2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 10 Circuits, Natural

Documents:

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



Series image - Reference only

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 | 822350087131 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 10 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 360.000/mg |
| Number of Rows | 2 |
| 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 |

Material Info

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

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501646 Series](#)

Mates With

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

Use With

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

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