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**Part Number:** 5016464000  
**Status:** Active  
**Overview:** iGrid Wire-to-Board Dual-Row System  
**Description:** 2.00mm Pitch iGrid Wire-to-Board Housing, Dual Row, Positive Lock, 40 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification 5016460000-PS-000 \(PDF\)](#)  
[Product Specification PS-501646-001-001 \(PDF\)](#)  
[Application Specification 5016460000-A00 \(PDF\)](#)  
[Application Specification 5016460000-A01 \(PDF\)](#)  
[Packaging Specification 5016469200-200 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

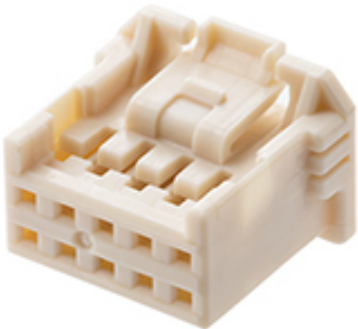
**Agency Certification**  
CSA LR19980  
UL E29179

**General**  
Product Family Crimp Housings  
Series 501646  
Application Signal, Wire-to-Board  
Overview iGrid Wire-to-Board Dual-Row System  
Product Name iGrid  
UPC 822350087285

**Physical**  
Circuits (maximum) 40  
Color - Resin Natural  
Flammability 94V-0  
Gender Receptacle  
Glow-Wire Capable No  
Lock to Mating Part Yes  
Material - Resin Nylon  
Net Weight 1110.000/mg  
Number of Rows 2  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating 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



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per  
-ED/88/2018 (15  
January 2019)  
**Halogen-Free**  
**Status**  
**Low-Halogen**  
For more information, please visit [Contact US](#)

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**  
501646 Series

**Mates With**  
501645 Vertical Header . 503091 Vertical Header . 501876 Right Angle Header

**Use With**  
501647 22-26 AWG Terminal . 501648 26-28 AWG Terminal

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