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Part Number: [5016462800](#)
Status: **Active**
Overview: [iGrid Wire-to-Board Dual-Row System](#)
Description: 2.00mm Pitch iGrid Wire-to-Board Housing, Dual Row, Positive Lock, 28 Circuits

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 \(PDF\)](#)

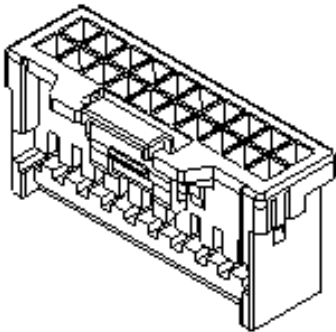
Agency Certification
CSA LR19980
UL E29179

General
Product Family Crimp Housings
Series [501646](#)
Application Signal, Wire-to-Board
Overview [iGrid Wire-to-Board Dual-Row System](#)
Product Name iGrid
UPC 822350087223

Physical
Circuits (maximum) 28
Color - Resin Natural
Flammability 94V-0
Gender Receptacle
Glow-Wire Capable No
Lock to Mating Part Yes
Material - Resin Nylon
Net Weight 810.000/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°C 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/01/2018 (15
January 2018)
Halogen-Free
Status
Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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