



**Part Number :** [5016463006](#)

**Product Description :** 2.00mm Pitch, iGrid  
Receptacle Crimp Housing, Dual Row, Positive Lock, 30  
Circuits, Green

**Series Number :** 501646

**Status :** Obsolete

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[5016463006\\_sd.pdf](#)

### Specifications

[5016460000-A00.pdf](#)

[5016460000-A01.pdf](#)

[5016469200-200.pdf](#)

[5016460000-PS-000.pdf](#)

[5016461000-PS-000.pdf](#)

[5016461001-PS-001.pdf](#)

[PS-501646-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Obsolete
Category	Connector Housings
Series	501646
Description	2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 30 Circuits, Green
Application	Signal, Wire-to-Board
Product Name	iGrid
UPC	822350101288

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	30
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
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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
iGrid Vertical, Dual Row, Through Hole Headers	<a href="#"><u>501645</u></a>
iGrid Vertical, Dual Row, Through Hole Headers	<a href="#"><u>503091</u></a>
iGrid Right-Angle, Dual Row, Through Hole Headers	<a href="#"><u>501876</u></a>
iGrid Right-Angle, Dual Row, Through Hole Headers	<a href="#"><u>208659</u></a>

### Use with Part(s)

Description	Part Number
iGrid Female Crimp Terminals	<a href="#"><u>501647</u></a>
iGrid Female Crimp Terminals	<a href="#"><u>501648</u></a>
iGrid Female Crimp Terminals	<a href="#"><u>503095</u></a>