

**Part Number :** 5005930600

**Product Description :** 2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 14 Circuits, Black

**Series Number :** 501646

**Status :** Active

**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[Drawing 5016461401\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 5016461401\\_stp.zip](#)

### Specifications

[Application Specification 5016460000-A01.pdf](#)

[Application Specification 5016460000-A00.pdf](#)

[Packaging Specification 5016469200-200.pdf](#)

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

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

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

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

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

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

#### EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	501646
Description	2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 14 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
UPC	822350100304

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	2.0A
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#### Physical

Circuits (maximum)	14
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No

Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	460.000/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

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## Mates With / Use With

### Mates with Part(s)

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

### Use with Part(s)

Description	Part Number
iGrid Female Crimp Terminals	<u>501647</u>
iGrid Female Crimp Terminals	<u>501648</u>
iGrid Female Crimp Terminals	<u>503095</u>

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