



**Part Number :** [5016471100](#)

**Product Description :** 2.00mm Pitch, iGrid Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Bag

**Series Number :** 501647

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** 5016471000 (Reel)



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## Documents & Resources

### Drawings

[Drawing 5016471100\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 5016471100\\_stp.zip](#)

### Specifications

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

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

[Packaging Specification 5016479200-200.pdf](#)

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


### Tooling Specifications

[Crimp Specification 5016470000-CS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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	Crimp Terminals
Series	501647
Description	2.00mm Pitch, iGrid Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Bag
Application	Signal, Wire-to-Board
Product Family	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
UPC	822350087292

#### Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC

#### Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	48.091/mg

Packaging Type	Bag
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.95-1.50mm
Wire Size (AWG)	22, 24, 26
Wire Size mm <sup>2</sup>	0.126-0.34

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### Use with Part(s)

Description	Part Number
iGrid Dual Row Receptacle Housings	<u>501646</u>

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### Application Tooling

#### Global

Description	Part Number
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<u>638131500</u>
PremiumGrade Hand Crimp Tool for iGrid Female Terminals, 26-22 AWG and 0.30-0.20mm <sup>2</sup> Wire	<u>638192300</u>