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**Part Number:** [5016471100](#)  
**Status:** **Active**  
**Overview:** iGrid™ Wire-to-Board Dual-Row System  
**Description:** 2.00mm Pitch iGrid™ Wire-to-Board Crimp Terminal, Female, 22-26 AWG, Bag

**Documents:**

[3D Model](#) [Packaging Specification 5016479200-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501646-001-001 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">501647</a>
Application	Signal
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	<a href="#">iGrid™ Wire-to-Board Dual-Row System</a>
Packaging Alternative	<a href="#">501647-1000 (Reel)</a>
Product Name	iGrid™
UPC	822350087292

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	76.000/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 mm²	0.126-0.34

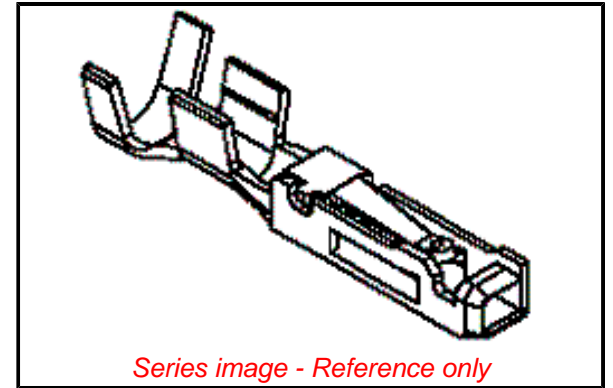
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Crimp Specification	CS-501647-001-001
Packaging Specification	5016479200-200
Product Specification	PS-501646-001-001
Sales Drawing	SD-501647-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[501647 Series](#)

**Mates With**

[501645 Vertical Header](#) . [501676 Right Angle Header](#)

**Use With**

[501646 Receptacle Housing](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Hand Crimp Tool for [0638192300](#)  
2.00mm Pitch Wire-  
to-Board Terminals  
Manual Extraction [0638131500](#)  
Tool

**Japan**

<b>Description</b>	<b>Product #</b>
Crimp Hand Tool - Straight Action	<a href="#">5780215300</a>

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