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**Part Number:** [501647-1000](#)  
**Status:** **Active**  
**Overview:** iGrid™ Wire-to-Board Dual-Row System  
**Description:** 2.00mm Pitch iGrid™ Wire-to-Board Crimp Terminal, Female, 22-26 AWG, Reel

**Documents:**

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

**General**

Product Family	Crimp Terminals
Series	<a href="#">501647</a>
Application	Signal
Crimp Quality Equipment	Yes
Overview	<a href="#">iGrid™ Wire-to-Board Dual-Row System</a>
Packaging Alternative	<a href="#">501647-1100</a> (Loose)
Product Name	iGrid™
UPC	822350087308

**Physical**

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	76.000/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.95-1.50mm
Wire Size AWG	22, 24, 26
Wire Size mm²	0.124-0.34

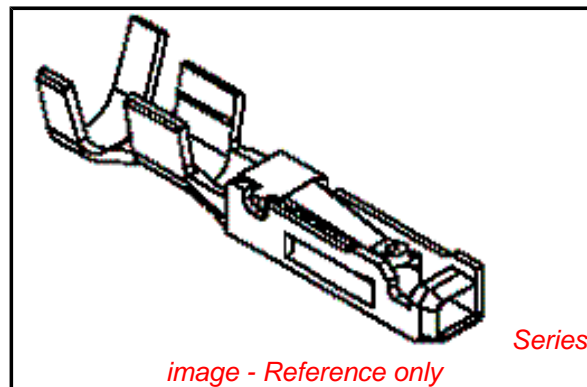
**Electrical**

Current - Maximum per Contact	2A
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Crimp Specification	CS-501647-001
Product Specification	PS-501646-001, RPS-501646-001, RPS-501646-002, RPS-501646-003, RPS-501646-004, RPS-501646-005, RPS-501646-006, RPS-501646-007, RPS-501646-008, RPS-501646-011, RPS-501646-012, RPS-501646-013, RPS-501646-015, RPS-501646-017
Sales Drawing	SD-501647-001



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[501647Series](#)

**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 2.00mm Pitch Wire-to-Board Terminals	<a href="#">0638192300</a>
T2 Terminator Tooling Die	<a href="#">0638587000</a>

FineAdjust™ 0638687000  
Applicator  
Manual Extraction 0638131500  
Tool

**Japan**

**Description** **Product #**

Applicator for M211A 5780213000

Bench Press, 22-26

AWG Wire

Side-Feed Applicator 5780213200

for Fully-Auto

Machine, 22-26

AWG Wire

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