

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5016471000](#)  
**Status:** **Active**  
**Overview:** [igrid](#)  
**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 [501647](#)  
 Application Signal  
 Crimp Quality Equipment Yes  
 Overview [igrid](#)  
 Product Name iGrid™

**Physical**

Durability (mating cycles max) 30  
 Gender Receptacle  
 Material - Metal Copper Alloy  
 Material - Plating Mating Tin  
 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

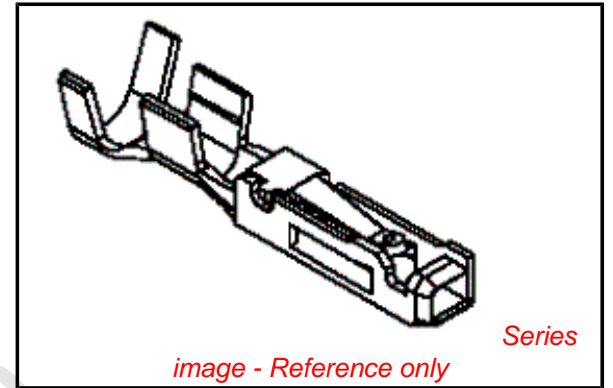
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

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  
 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 iGrid™ 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, for 501647

and 501648 Crimp

Terminal

Side-Feed Applicator 5780213200

for Fully-Auto

Machine, 22-26

AWG, for 501647

and 501648 Crimp

Terminal

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